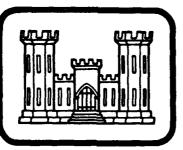
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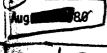
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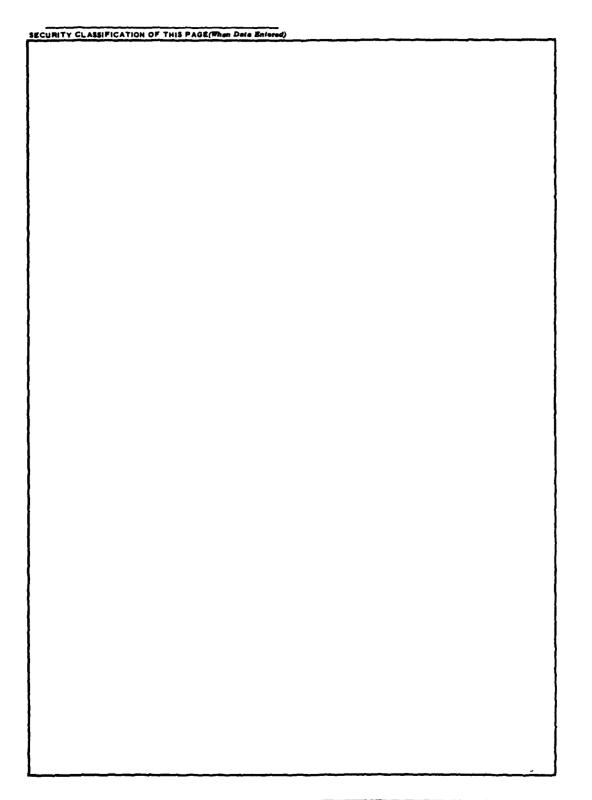
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	<u>Page</u>
Introduction	1
Unit Energy Consumption (BTU/GSF)	3
Effects of the Energy Conservation Investment Program (ECIP)	9
Summary of Performance Indicators Data	13
Major Command, Fifty United States, and Army-Wide Data	46

Appendix

Installation Data Sheets (see page ii)
Selected Installation Graphs

3

Ĺ

TABLE OF CONTENTS APPENDIX

INSTALLATION DATA SHEETS

MACOM	Installation	Page
OCE	Cold Regions Research Eng. Lab	A-1
ACC	Fort Huachuca	A-2
1100	Fort Ritchie	A-3
нsс	Fort Detrick	A-4
1100	Fitzsimmons AMC	A-5
	Walter Reed AMC	A-6
INSCOM	Arlington Hall Station	A-7
21100011	Vint Hill Farms Station	A-8
USMA	U.S. Military Academy	A-9
MDW	Military District of Washington, D.C.	A-10
MTMC	Bayonne Military Ocean Terminal	A-11
	Military Traffic Mgt. Command (other)	A-12
WESCOM	Fort Shafter	A-13
	Schofield Barracks	A-14
ORSCOM	Fort Bragg	A-15
	Fort Campbell	A-16
	Fort Carson	A-17
	Fort Devens	A-18
	Fort Drum	A-19
	Fort Greely	A-20
	Fort Hood	A-21
	Fort Sam Houston	A-22
	Fort Indiantown Gap	A-23
	Fort Lawton	A-24
	Fort Lewis	A-25
	Fort McCoy	A-26
	Fort McPherson	A-27
	Fort Meade	A-28
	Oakdale Support Center	A-29
	Fort Ord	A-30
	Fort Polk	A-31
	Fort Richardson	A-32
	Fort Riley	A-33
	Presidio of San Francisco	A-34
	Fort Sheridan	A-35
	Fort Stewart	A-36
	Vancouver Barracks	A-37
	Fort Wainwright	A-38
	Yakima Firing Center	A-39

INSTALLATION DATA SHEETS

MACOM	Installation	Page
TRADOC	Fort BelvoirFort Benning	A-40 A-41
	Fort Bliss	A-42
	Carlisle Barracks	A-43
	Fort Chaffee	A-44
	Fort Dix	A-45
	Fort Eustis	A-46
	Fort Gordon	A-47
	Fort Hamilton	A-48
	Fort Benjamin Harrison	A-49
	Fort A. P. Hill	A-50
	Fort Jackson	A-51
	Fort Knox	A-52
	Fort Leavenworth	A-53
	Fort Lee	A- 54
	Fort McClellan	
	Fort Monroe	
	Fort Pickett	
	Fort Rucker	
	Fort Sill	A-59
	Fort Leonard Wood	A-60
DARCOM	Aberdeen Proving Ground	A-61
	Alabama Army Depot	
	Anniston Army Depot	
	Army Materials & Mechanics Research Center	A-64
	Badger AAP	A-65
	Cornhusker AAP	A-66
	Detroit Arsenal	
	Harry Diamond Lab	A-68
	Dugway Proving Ground	A-69
	Frankford Arsenal	A-70
	Holston AAP	
	Indiana AAP	
	Iowa AAP	
	Jefferson Proving Ground	
	Joliet AAP	A-75

INSTALLATION DATA SHEETS

MACOM	Installation	Page
DARCOM	Kansas AAP	A-76
	Lake City AAP	A-77
	Letterkenny Army Depot	A-78
	Lexington-Blue Grass Depot Activity	A-79
	Lone Star AAP	A-80
	Longhorn AAP	A-81
	Louisiana AAP	A-82
	Michigan Army Missile Plant	A-83
	Milan AAP	A-84
	Fort Monmouth	A-84a
	Natick Research & Development Center	A-84b
	New Cumberland Army Depot	A-85
	Newport AAP	A-86
	Picatinny Arsenal	A-87
	Pine Bluff Arsenal	A-88
	Radford AAP	A-89
	Ravenna AAP	A-09
	Red River Army Depot	A-91
	Redstone Arsenal	A-92
	Riverbank AAP	A-93
	Rock Island Arsenal	A~94
	Rocky Mountain Arsenal	A-95
	Seneca Army Depot	A- 96
	Sacramento Army Depot	A-97
	St. Louis Area Support Center	A- 98
	Savanna Army Depot	A- 99
	Scranton AAP	A-100
	Selfridge Area Support Center	A-101
	Sharpe Army Depot	A-102
	Sierra Army Depot	A-103
	Sunflower AAP	A-104
	Tobyhanna Army Depot	A-105
	Tooele Army Depot	A-106
	Twin Cities AAP	A-107
	Underhill Firing Range	A-108
	Volunteer AAP	4-109
	Watervliet Arsenal	A-110
	White Sands Missile Range	A-111
	Yuma Proving Ground	8 110

INSTALLATION GRAPHS

MACOM	Installation	Page
FORSCOM	Fort Bragg	A-113
	Fort Campbell	A-114
	Fort Carson	A-115
	Fort Devens	A-116
	Fort Hood	A-117
	Fort Sam Houston	A-118
	Fort Lewis	A-119
	Fort McPherson	A-120
	Fort Meade	A-121
	Fort Ord	A-122
	Fort Polk	A-123
	Fort Riley	A-124
	Fort Wainwright	A-125
TRADOC	Fort Belvoir	A-126
	Fort Benning	A-127
	Fort Bliss	A-128
	Fort Dix	A-129
	Fort Gordon	A-130
	Fort Jackson	A-131
	Fort Knox	A-132
	Fort McClellan	A-133
	Fort Rucker	A-134
	Fort Sill	A-135
	Fort Leonard Wood	A-136
DARCOM	Aberdeen Proving Ground	A-137
	Fort Monmouth	A-138
	Picatinny Arsenal	A-139
	Redstone Arsenal	A-140
	Rock Island Arsenal	A-141

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INTRODUCTION

This study was conducted for the U.S. Army by the Department of Energy under contract to the Computer Sciences Corporation, Washington D. C. The study consists of a thorough analysis of the Facilities Engineering Annual Summary of Operations, "Red Book", for fiscal years 1975 through 1979 in order to develop energy performance indicators for and a profile of energy use in Army facilities within the United States. This report presents statistical data at a detailed level for each U.S. Army Installation and aggregated by each Major Command and for the fifty United States. Summary data for the Army world-wide are also included.

The "Red Book" data is compiled from Major Command (MACOM) Technical Data Reports, DA Form 2788 Series prepared under the provisions of AR 420-16. These MACOM reports include "Installation" statistical data. The use of the term "Installation" throughout this report refers specifically to "reported" Installations, which include sub-activities. For example, a single report identifies Tooele Army Depot as a single reported Installation, but the data includes sub-activities such as Pueblo Army Depot, Umatilla Army Depot, Ft Wingate Army Depot and Navajoe Army Depot. Conversely, sub-activities are frequently reported separately, such as Ft. Lawton, a sub-activity of Ft. Lewis. In this case, Ft. Lawton, as a reported Installation, is treated the same as Ft. Lewis and is reported upon within this report.

The data elements which were extracted from the "Red Book" include population served, air conditioning capacity and real property inventory (with gross square feet by category for Installations). The original MACOM reports were used to obtain other data, such as resident and non-resident population and energy consumption, thermal and purchased electric. These data elements were then correlated with each other to produce performance indicators of:

- 1. Energy Consumption & PD
- 2. Thermal En Cons & PD
- 3. Electrical En Cons & PD
- 4. Resident Population & PD
- 5. Non-Resident Population & PD
- 6. Population Served** & PD
- 7. Effective Population*** & PD
- 8. En Consumption/Pop Served & PD
- 9. En Consumption/Eft Pop & PD

- 10. Electric En Consumption/Resident Population
- 11. Installed Air Cond Capacity & PD
- 12. Elec Energy/Ton of Air Cond & PD
- 13. Real Property Inventory (RPI) & PD
- 14. RPI/Effective Population
- 15. Energy Consumption/GSF & PD
- 16. Thermal En Consumption/GSF & PD
- 17. Electrical En Consumption/GSF & PD

*PD is Percent Deviation from Base Year **Population Served is the total Resident & Non-Resident Population
***Eff Pop is Resident + 1/3 Non-Resident

The composition of the Real Property Inventory, by category, is also included on each Installation Data Sheet. It includes:

18. RPI by Category
Training
Maintenance & Production
Research, Development & Testin
Storage
Other Covered Storage
Hospital & Medical

Administration
Bachelor Housing
Community Facilities
Family Housing
Operational Buildings
Utility Buildings
Other

The base year used in this study is fiscal year 1975, and comparisons to the base were made for fiscal years 1976, 1977, 1978 and 1979. Data sheets were prepared containing the above-mentioned data elements by year for each Installation and summarized for each MACOM and the United States. The Installation Data sheets are contained in volume 2 of this report. A less comprehensive summary data sheet was prepared for Army-Wide activities, using only the "Red Books".

The MACOMS data have also been displayed in graphic form for the categories of total energy consumption, thermal energy consumption, electric energy consumption, active real property inventory, energy consumption per gross square foot (BTU/GSF), installed air conditioning capacity and effective population. In addition, graphics have been prepared for selected Installations which also appear in volume 2 of this report. The total U. S. data has been presented in a graph, along with limited Army-Wide data. The graphic displays are very useful and large deviations are easy to detect.

The results of detailed analyses conducted on energy consumption on a gross square foot basis, and on the effects of the Energy Conservation Investment Program (ECIP) are also presented. Further individual analyses can be made by referring to the MACOM and/or Installation sheets for specific or more comprehensive values.

In summary, this report presents a comprehensive descriptive statistical picture of U.S. Army facilities energy use from 1975 to 1979. The report makes no casual inferences as to reasons for energy consumption variations; however, several factors which are related to energy use variances are analyzed. The performance indicators and other statistical data are perfectly suited for a more in-depth statistical study of energy use variables and trends, the results of which may be invaluable in aiding energy policy decision making.

UNIT ENERGY CONSUMPTION (BTU/GSF)

The Presidential Executive Order number 12003, dated July 20, 1977, included the requirement, "For the total of all Federally-owned existing buildings the goal shall be a reduction of 20 percent in the average annual energy use per gross square foot of floor area in 1985 from the average energy use per gross square foot of floor area in 1975." This goal has oriented all Federal Agency perspectives to the BTU/GSF ratio. It has also been included as one of the goals in the Army Energy Plan. Notably, the Army-Wide achievement at the end of FY79 is a reduction of 9.3 percent below the FY75 consumption rate per gross square foot. The performance over the four year period (FY75-FY79) indicates a distinct overall trend downward, although it displays some erratic influences, especially weather induced. Other influencing factors are apparent and this section will analyze them.

The United States has been divided into seven climatic regions as a result of studies conducted by the Department of Housing and Urban Development and the Department of Energy (DOE). These regions were developed using both, heating and cooling degree days data for classification. These regions were used as reporting criteria for all Federal Agencies in reporting Preliminary Energy Audit results to the DOE for further reporting to the Congress as is required by the National Energy Conservation Policy Act (NECPA) of 1978. These regions (zones) are described and depicted in Figure 1.

Zone Descriptions in Heeting (HDD) and Cooling (CDD) Degree Days are:

- Zone 1 Less than 2000 CDD and more than 7000 HDD
 - Less than 2000 CDD and 5500 to 7000 HDD
 - 3 Less than 2000 CDD and 4000 to 5499 HDD
 - Less than 2000 CDD and 2000 to 3999 HDD
 - 5 Less than 2000 CDD and 0 to 1999 HDD
 - 6 More than 2000 CDD and 0 to 1999 HDD 7 - More than 2000 CDD and 2000 to 4000 HDD
- 3

 2

 4

 5

 6

 Figure 1

Each Installation Data Sheet in Appendix A reflects the Heating Degree Days (HDD) and Cooling Degree Days (CDD) and the Climatic Region in which that Installation is located. The Installations have been summarized by climatic regions and figure 2 shows that summary with the FY75 and FY79 averages.

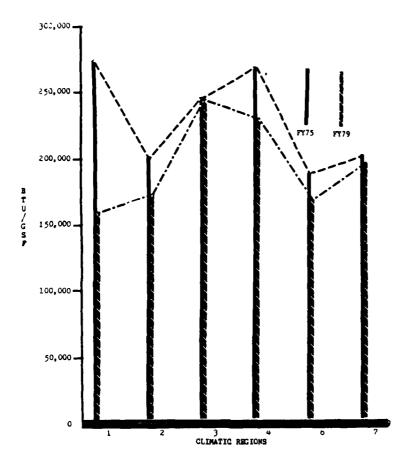
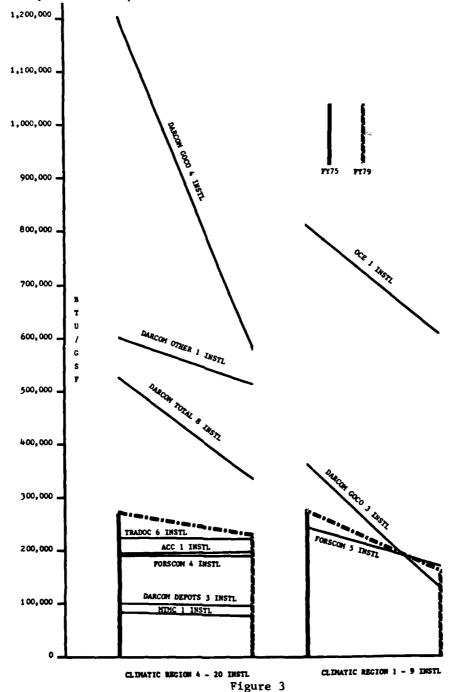


Figure 2

Each region is analyzed further with particular emphasis on the MACOM composition of each region. For this purpose, DARCOM has been divided into three parts: The industrial Government Owned-Contractor Operated (GOCO) facilities; Army Depots with their large storage facilities which are not energy intensive; and DARCOM-OTHER which includes Proving Grounds, Arsenals, Research Facilities, etc., which have similar energy consumption characteristics.

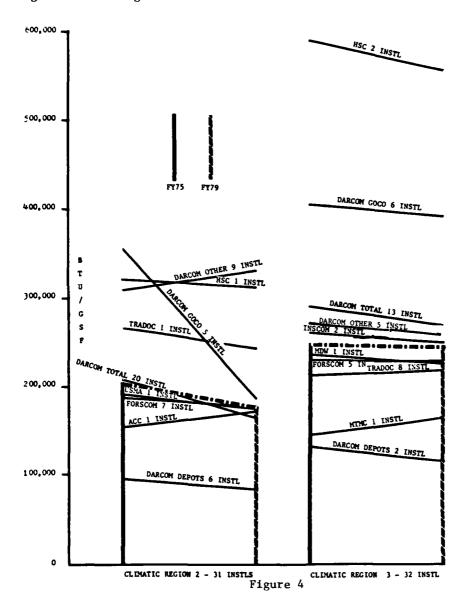
Climatic regions 4 and 1 are shown on figure 3. These regions had the highest BTU/GSF consumption levels in FY75. In region 4, the DARCOM GOCO ratio is the highest, as would be expected because these facilities include the manufacturing process energy used in their operations. The DARCOM-OTHER

grouping is the next highest. These industrial DARCOM activities were the major contributors to the 14.4 percent reduction in region 4. Inasmuch as these industrial facilities consume energy in keeping with a Tempo of operations which have reduced considerably since FY75, it stands out that without them, the performance in region 4 would be changed drastically. In fact, the remaining 15 Installations showed a net increase in BTU/GSF consumption of 1.8 percent.



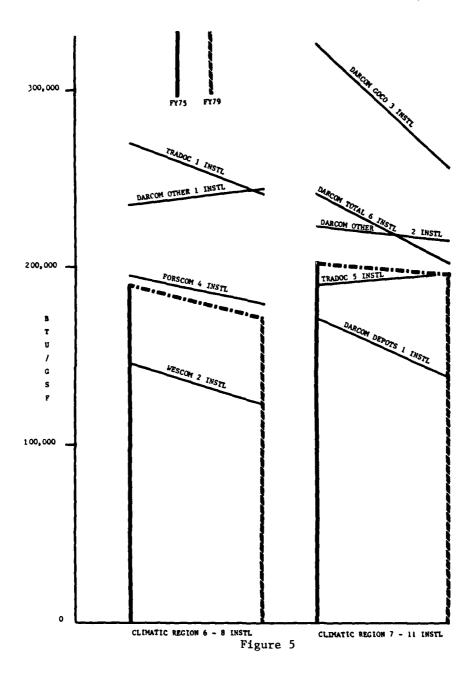
In region 1, the OCE research facility and the DARCOM GOCO consumption show steep decreases in BTU/GSF but the overall regional decrease of 41.3 percent was approached by the five FORSCOM Installations which reduced their rate of consumption by 30.4 percent.

Regions 2 and 3 are the most densly populated with Army Installations. Except for the DARCOM GOCO decrease in region 2, other decreases are quite moderate and the decrease of 13.7 percent would have been a decrease of 5.2 percent without the GOCO influence. Overall, the region 2 reductions, without the GOCO facilities, were the second largest reductions, behind only region 6. Figure 4 shows regions 2 & 3.



Region 3 consumed the highest BTU/GSF of any region in FY79. Overall, this region showed only a 0.5 percent decrease from FY75 and without the DARCOM GOCO & OTHER categories the region shows an overall increase of 2.2 percent.

Region 6 is the least populated region and contains no GOCO facilities. Yuma Proving Ground is the only DARCOM Installation. This region showed a decrease in BTU/GSF of 10.2 percent. This was the highest rate of reduction when industrial Installations are excluded. Figure 5 displays regions 6 & 7.



Region 7 again shows an overall regional decrease which is actually a 0.4 percent increase if the GOCO and DARCOM OTHER Installations are eliminated.

The United States total shows a reduction in BTU/GSF of 10.2 percent. A notable achievement and over half of the goal set for FY85. However, this accomplishment is fragile because without the industrial GOCO and "OTHER" DARCOM facilities the reduction is far less impressive.

One significant and commonly known factor is that the electrical energy consumption is increasing in spite of conservation efforts. The extent of this increase is more evident when the MACOMS are looked at from the viewpoint of Thermal BTU/GSF and Electrical BTU/GSF. The following Table 1 shows this data.

PERCENT CHANGE IN FY79 FROM FY75

MACOM	TOTAL BTU/GSF	THERMAL BTU/GSF	ELECTRIC BTU/GSF
OCE	$\frac{5107651}{-25.0}$	-54.4	$\frac{210/631}{-16.3}$
DARCOM	-21.9	-27.5	-10.5
WESCOM	-15.8	-26.0	-14.3
USMA	- 7.6	-11.6	+ 0.6
FORSCOM	- 7.0	-16.6	+ 6.8
MDW	- 5.0	-17.4	+ 5.5
INSCOM	- 4.3	-10.8	+ 0.8
HSC	- 0.7	-18.7	+25.4
TRADOC	+ 0.9	- 7.9	+13.2
ACC	+2.3	- 7.9	+13.6
MTMC	+19.2	+ 6.6	+44.7
US TOTAL	-10.2	-19.3	+ 4.1

Table 1

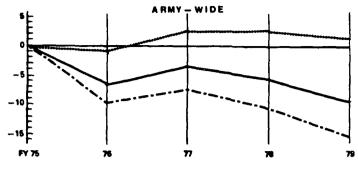
EFFECTS OF THE ENERGY CONSERVATION INVESTMENT PROGRAM (ECIP)

The Military Construction (MILCON) Army ECIP program and its Family Housing ECIP counterpart are retrofit programs intended to reduce energy consumption in facilities. The Installation Data Sheets in the appendix have been posted with a symbol designating the calendar point when an ECIP project was completed. A short project title, cost and completion date is shown in the remarks section. This manner of posting permits quick identification of the results of these projects. Unfortunately, statistics alone do not permit absolute judgements and in several cases there is no apparent effect from an ECIP project. In other cases the improvement appears clearly at the same point in time but could have been caused by a wide variety of reasons known primarily by the Installation personnel. The analysis of the ECIP program is difficult but this section does look at several Installations which have enjoyed apparent success, apparent lack of success or no apparent change.

Forty-seven Installations have had 77 ECIP projects completed within the time frame of the study period. These 77 projects include 30 Family Housing ECIP projects at a cost of \$12.4 million and 47 MILCON ECIP projects at a cost of \$55.1 million. None of these projects are at GOCO facilities so they are not considered in this analysis. Family Housing ECIP projects range from as low as \$16,375 to \$1,046,907. MILCON ECIP projects do not overlap the OMA appropriation level so they range from a much higher threshold than the Family Housing projects do. Of the 47 Installations having completed projects, ten of them had 2 projects and ten of them had 3 projects completed.

A review of the ECIP projects shows that a great majority of them will save thermal energy but little or no electrical energy. Inasmuch as electrical energy consumption continues to rise it seems appropriate to look at thermal and electrical energy consumption separately. The Installation, MACOM and other Data Sheets do break these out in addition to the thermal BTU/GSF and electrical BTU/GSF. A look at Army-Wide, TRADOC and FORSCOM shows this trend very clearly. They are depicted in figures 6, 7 and 8.

Of the 77 completed projects, 2 of them were total electric conservation projects, 4 were partially electric saving and 4 were energy monitoring and control systems which are electric load shedding. The most statistically surprising project was a \$341,359 ECIP project for Lighting Improvements at Red River Army Depot (RRAD) which was completed in February 1977. RRAD shows a 7.6 percent electric energy reduction in FY76 (all comparison are made to FY75 base data) and a 32.7 percent reduction in FY77. This level was maintained in FY78 with a 29.9 percent reduction and again in FY79 with a 29.0 percent reduction. The identical pattern shows up in the electrical energy BTU/GSF ratios with -8.4 percent in FY76, -39.2 percent in FY77, -36.7 percent in FY78 and -36.6 in FY79. If this reduction is due largely to the ECIP project it should be exploited for application elsewhere. A similar project was completed at Ft Lewis in June 1978 and a very similar pattern is evident there where they achieved a 16.2 percent reduction in electrical energy consumption in FY79 compared to a 9.7 percent reduction in FY78 and a 4.2 percent reduction in FY77. An identical pattern is evident in the electric BTU/GSF at Ft Lewis.

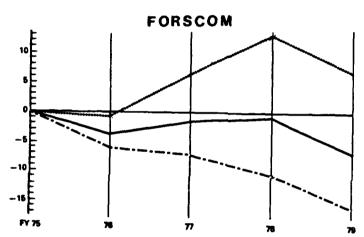


TOTAL ENERGY CONSUMPTION (BSF
THERMAL ENERGY CONSUMPTION (BSF

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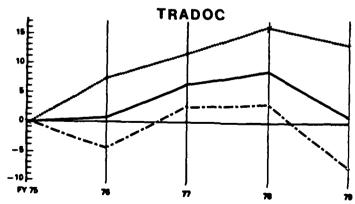
Figure 6



TOTAL ENERGY CONSUMPTION (GSF
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Figure 7



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Figure 8

Several Installations show remarkable thermal savings after ECIP projects were completed. Letterkenny Army Depot had a \$2,661,496 Insulation project completed in the summer of 1978 and the FY79 thermal consumption dropped to 17.9 percent below the FY75 base, which is impressive compared to the FY78 thermal consumption which was 1.3 percent below the same base. The Lexington-Blue Grass Depot Activity had a \$979,000 Insulation project completed in May 1978 and the FY77, FY78 and FY79 levels of thermal energy consumption are -3.4 percent, -30.3 percent and -21.4 percent, respectively, compared to FY75. In both of these cases the corresponding thermal BTU/GSF ratios show similar reductions. The Natick Research and Development Center had 2 ECIP projects completed in FY78 and their statistics show a 5.1 percent reduction in thermal energy consumption in FY77 (before completion of the first ECIP project), a 10.2 percent reduction in FY78 and a 12.8 percent reduction in FY79. Pine Bluff Arsenal had 3 completed ECIP projects and they were predominately thermal energy saving. The first project was completed in FY77 and a reduction of 15.3 percent was achieved (it was down 9 percent in FY76) but the two additional ECIP projects contributed to savings of 20.8 percent in FY78 and 22 percent in FY79. Their improvement is more dramatic when looked at on the basis of thermal BTU/GSF because in FY76 they show a 29 percent increase compared to FY75 while FY77shows a 14.4 percent reduction compared to the same base. This trend continued with savings of 19.8 percent and 23.3 percent in FY78 and FY79. Watervilet Arsenal had 2 ECIP projects completed there and every energy consumption statistic for total, thermal and electric energy shows an increase after the projects were completed. This case proves the point that the statistics cannot tell the whole story.

Ft Meade had 3 ECIP projects completed since January 1977 and, although FY77 shows an overall increase from FY75 and FY76, there is substantial reduction in thermal energy consumption in FY78 and FY79 of 18.3 and 30.7 percent respectively. The thermal BTU/GSF show similar improvements. However, this has not offset a 14 percent increase in electric energy in FY79 (34 percent increase in electric BTU/GSF).

The Alaskan Installations, Forts Greely, Richardson and Wainwright, had 7 ECIP projects between them. Three were at Ft Richardson and the savings in thermal energy and thermal BTU/GSF are substantial. The 3 ECIP projects at Ft Wainwright are equally impressive except that equally large savings are apparent in the statistics for FY77, the year prior to completion of the first project. Fort Greely had a single Family Housing ECIP project, but the statistics do reflect significant savings in thermal energy for the full year after completion.

Ft Belvoir had 3 ECIP projects completed and they do show thermal energy and thermal BTU/GSF savings in FY79, but the savings are not as significant as most of the other Installations. Ft Benning also had 3 completed projects but they also reflect a 17.7 percent increase in resident population and a 19.4 percent increase in effective population for FY79. In spite of this increased demand, the graph for Ft Benning in the appendix shows a distinct reduction in total energy consumption, thermal energy consumption, BTU/GSF, and a slight savings in electric energy consumption, when compared to FY78. Their FY 78 data are well above FY75 in all categories except active real property inventory. Ft Eustis also had 3 projects completed which totaled \$5.7 million. The FY79 figures show a 23 percent reduction compared to a 0.4 percent increase in FY 78, and the thermal BTU/GSF were reduced by 5 percent in FY79 from a 29.8 percent increase (above 75) for FY78. There is little significant change between FY77 and FY78, but overall the FY78 figures show more consumption than FY77 in

spite of the completion of an EMCS in FY77. Ft Jackson had a single project completed in FY79 but their overall energy consumption statistics show greater reductions than would be expected, compared to other cases examined. Ft Knox likewise had 3 completed ECIP projects but there is far less apparent effect than in most other cases. The Ft Knox graph in the appendix does show that the electric energy peaked in FY77 and is declining, but the thermal energy rose in FY78 before it declined in FY79.

A comparison between Installations with ECIP projects and without ECIP projects does not reveal any striking differences. Many Installations without ECIP projects show energy consumption on the decline and others do not. The same is true of Installations with ECIP projects. One point does stand out - the number of ECIP projects completed within the study period is quite small compared to the total number of projects which have been authorized under the ECIP program. The near future will more than likely show a sharper descent in energy consumption due to the ECIP as many more projects become completed. It will be very difficult to prove, but the overall reduction in energy consumption in Installations with ECIP projects is very encouraging.

SUMMARY OF PERFORMANCE INDICATORS DATA

This section consists of tables which present, for each Major Command, data on the following performance indicators:

Energy Consumption/Population Served
Energy Consumption/Effective Population
Electricity Consumption/Resident Population
Electricity Consumption/Ton of Air Conditioning
Real Property Inventory (GSF)/Effective Population
Energy Consumption/Gross Square Foot
Electricity Consumption/Gross Square Foot
Thermal Energy Consumption/Gross Square Foot

Within each Major Command for each performance indicator, installations are ranked in descending order. Data are presented for fiscal year 1979 and the percentage deviation from the base year.

MACOM		y Consum ation Se (1979)		Percent Deviation Energy Consumption Population Served (1975-1979)
ACC	Fort Huachuca	69.8	Fort Huachuca	-19.3
ACC	Fort Ritchie	60.8	Fort Ritchie	-22.4
нsc	Fort Detrick	514.7	Walter Reed AMC	64.0
HSC	Walter Reed AMC	254.9	Fort Detrick	2.4
нsс	Fitzsimmons AMC	164.6	Fitzsimmons AMC	1.4
INSCOM	Vint Hill Farms Station	135.8	Arlington Hall Station	17.6
INSCOM	Arlington Hall Station	95.8	Vint Hill Farms Station	
USMA	U.S. Military Academy	106.5	U.S. Military Academy	-19.4
MDW	Military District of Washington	29.9	Military District of Washington	-16.1
MTMC	Bayonne Military Ocean Terminal	285.7	Bayonne Military Ocean Terminal	12.6
MTMC	Military Traffic Mgt. Command (other)	100.9	Military Traffic Mgt. Command (other)	-45.3
OCE	Cold Regions Research Engr Lab	341.1	Cold Regions Research Engr Lab	22.1
WESCOM	Fort Shafter	91.9	Fort Shafter	87.7
WESCOM	Schofield Barracks	61.1	Schofield Barracks	-14.5

Table 2

MACOM	1,5	Consumptic ve Populat (1979)	n/ Installation En	ercent Deviation ergy Consumption/ fective Population (1975~1979)
ACC ACC	Fort Ritchie Fort Huachuca	118.7 81.1	Fort Ritchie Fort Huachuca	-0.7 -23.7
HSC HSC HSC	Fort Detrick Walter Reed AMC Fitzsimmons AMC	1,034.8 472.3 269.0	Walter Reed AMC Fort Detrick Fitzsimmons AMC	53.7 8.1 -1.7
INSCOM INSCOM	Arlington Hall Station Vint Hill Farms Station	252.2 186.0	Arlington Hall Station Vint Hill Farms Station	22.5 13.3
USMA	U.S. Military Academy	129.5	U.S. Military Academy	-16.1
MDW	Military District of Washington	68.4	Military District of Washington	-15.7
MTMC	Bayonne Military Ocean Terminal	566.7	Bayonne Military Ocean Terminal	12.9
MTMC	Military Traffic Mgt. Command (other)	232.8	Military Traffic Mgt. Command (other)	-48.4
OCE	Cold Regions Research Engr Lab	1,019.6	Cold Regions Research Engr Lab	21.6
WESCOM WESCOM	Fort Shafter Schofield Barracks	116.3 64.7	Fort Shafter Schofield Barracks	37.9 -21.4

Table 3

				Percent Deviation
MACOM	Installation	Electricity Consumption/	Installation	Electricity Consumption/
		Resident Population		Resident Population
		(1979)		(1975–1979)

ACC ACC	Fort Ritchie Fort Huachuca	118.5 46.7	Fort Ritchie Fort Huachuca	43.9 -17.1
HSC HSC HSC	Fort Detrick Walter Reed AMC Fitzsimmons AMC	1,109.2 477.5 118.2	Fort Detrick	69.1 44.4 13.4
INSCOM INSCOM	Arlington Hall Station Vint Hill Farms Station	916.4 120.9	Arlington Hall Station Vint Hill Farms Station	67.5 15.3
USMA	U.S. Military Academy	51.7	U.S. Military Academy	-6.2
MDW	Military District of Washington	114.7	Military District of Washington	-4.9
MTMC MTMC	Military Traffic Mgt. Command (other) Bayonne Military Ocean	385.4 379.4	Bayonne Military Ocean Tecminal Military Traffic Mgt.	38.1 -39.0
HIFIC	Terminal	3/9.4	Command (other)	-39.0
OCE	Cold Regions Research Engr Lab	-	Cold Regions Research Engr Lab	-
WESCOM WESCOM	Fort Shafter Schofield Barracks	118.1 59.3	Fort Shafter Schofield Barracks	16.1 -26.8

Table 4

MACOM Installation Electricity Consumption/ Installation Electricity Consumption/ Ton of Air Conditioning (1979)

Percent Deviation Electricity Consumption/ Ton of Air Conditioning (1975–1979)

ACC	Fort Huachuca	142.0	Fort Ritchie	16.7
ACC	Fort Ritchie	78.4	Fort Huachuca	-14.1
HSC	Fitzsimmons AMC	189.9	Walter Reed AMC	97.0
HSC	Fort Detrick	143.8	Fort Detrick	46.8
HSC	Walter Reed AMC	85.9	Fitzsimmons AMC	-3.4
INSCOM	Arlington Hall Station	57.1	Arlington Hall Station	3.7
INSCOM	Vint Hill Farms Station	55.1	Vint Hill Farms Station	-0.9
USMA	U.S. Military Academy	90.8	U.S. Military Academy	-23.4
MDW	Military District of Washington	77.1	Military District of Washington	9.4
MTMC MTMC	Military Traffic Mgt. Command (other) Bayonne Military Ocean Terminal	562.2 165.6	Military Traffic Mgt. Command (other) Bayonne Military Ocean Terminal	21.9 -2.8
OCE	Cold Regions Research Engr Lab	501.1	Cold Regions Research Engr Lab	-30.2
WESCOM	Schofield Barracks	238.9	Fort Shafter	21.8
WESCOM	Fort Shafter	235.3	Schofield Barracks	-33.2

Table 5

MACOM	Installation	Real Prop Inventory Effective (19	(CSF)/ Populati	Installation	Real P Invento Effectiv	Deviation roperty ry (GSF)/ e Population -1979)
ACC	Fort Ritchie		0.69	Fort Ritchie		-10.4
ACC	Fort Huachuca		0.41	Fort Huachuca	1	-24.1
нsс	Walter Reed AMC	ľ	1.18	Walter Reed AMC	ŀ	78.5
HSC	Fort Detrick	ŀ	0.87	Fitzsimmons AMC	Į.	0.6
HSC	Fitzsimmons AMC		0.86	Fort Detrick]	-30.0
INSCOM	Arlington Hall S	Station	0.93	Arlington Hall Station		27.5
INSCOM	Vint Hill Farms	Station	0.80	Vint Hill Farms Statio	n	18.6
USMA	U.S. Military Ad	ademy	0.74	U.S. Military Academy		-9.2
MDW	Military Distric Washington	t of	0.30	Military District of Washington		-11.8
MTMC	Bayonne Military Terminal	Ocean	3.43	Bayonne Military Ocean Terminal		-0.2
MTMC	Military Traffic Command (other		2.98	Military Traffic Mgt. Command (other)	}	-45.5
OCE	Cold Regions Res Engr Lab	search	1.68	Cold Regions Research Engr Lab		62.2
WESCOM	Fort Shafter		0.99	Fort Shafter	Ì	32.4
WESCOM	Schofield Barrac	ks	0.50	Schofield Barracks		2.1

Table 6

MACOM	Gross S	Consumption/ quare Foot 979)	Installation Energ Gross	ent Deviation y Consumption Square Foot 975-1979)
ACC	Fort Huachuca	195,613	Fort Ritchie	11.5
ACC	Fort Ritchie	172,371	Fort Huachuca	0.5
нѕс	Fort Detrick	1,190,923	Fort Detrick	54.6
нsc	Walter Reed AMC	401,302	Fitzsimmons AMC	-2.3
нѕс	Fitzsimmons AMC	311,625	Walter Reed AMC	-13.9
INSCOM	Arlington Hall Station	271,732	Arlington Hall Station	-4.0
INSCOM	Vint Hill Farms Station	232,802	Vint Hill Farms Station	-4.5
USMA	U.S. Military Academy	176,060	U.S. Military Academy	-7.6
MDW	Military District of Washington	225,421	Military District of Washington	-5.0
мтмс	Bayonne Military Ocean Terminal	165,244	Bayonne Military Ocean Terminal	13.1
MTMC	Military Traffic Mgt. Command (other)	78,213	Military Traffic Mgt. Command (other)	-5.4
OCE	Cold Regions Research Engr Lab	607,994	Cold Regions Research Engr Lab	-25.0
WESCOM	Schofield Barracks	128,193	Fort Shafter	4.2
WESCOM	Fort Shafter	117,278	Schofield Barracks	-23.0

Table 7

				Percent Deviation
MACOM	Installation	Electricity Consumption/	Installation	Electricity Consumption/
		Gross Square Foot		Gross Square Foot
		(1979)		(1975–1979)

Fort Huachuca	103,674	Fort Ritchie	14.7
Fort Ritchle	90,051	Fort Huachuca	13.4
Danie Baradak	(21 100	Para Barat I	86.2
			17.2
Fitzsimuons AMC	93,487	walter Reed AMC	6.3
Arlington Hall Station	182,060	Arlington Hall Station	2.1
	,		~0.7
	'		
U.S. Military Academy	62,627	U.S. Military Academy	0.6
Military District of	135,253	Military District of	5.5
Washington		Washington	
Barrana Wilitamu Osaan	56 102	Military Traffic Mat Command	40.1
	50,103		40.1
	44 825		37.4
, ,	44,023	,	37
Comments (Center)		101 martes	ł
Cold Regions Research	522,869	Cold Regions Research	-16.3
Engr [*] Lab	ĺ	Engr Lab	
_		_	
Schofield Barracks	114,092	Fort Shafter	19.0
Fort Shafter	103,204	Schofield Barracks	-24.7
	Fort Ritchle Fort Detrick Walter Reed AMC Fitzsimmons AMC Arlington Hall Station Vint Hill Farms Station U.S. Military Academy Military District of Washington Bayonne Military Ocean Terminal Military Traffic Mgt. Command (other) Cold Regions Research Engr Lab Schofield Barracks	Fort Ritchle 90,051 Fort Detrick 631,189 Walter Reed AMC 232,755 Fitzsimmons AMC 93,487 Arlington Hall Station 182,060 Vint Hill Farms Station 123,385 U.S. Military Academy 62,627 Military District of Washington 135,253 Bayonne Military Ocean Terminal Military Traffic Mgt. Command (other) 522,869 Engr Lab 52,869 Schofield Barracks 114,092	Fort Ritchle Fort Detrick Walter Reed AMC Fitzsimmons AMC Arlington Hall Station Vint Hill Farms Station U.S. Military Academy Military District of Washington Bayonne Military Ocean Terminal Military Traffic Mgt. Command (other) Cold Regions Research Engr Lab Fort Huachuca Fort Detrick Fitzsimmons AMC Walter Reed AMC Arlington Hall Station Vint Hill Farms Station U.S. Military Academy Military District of Washington Military District of Washington Military Traffic Mgt. Command (other) Bayonne Military Ocean Terminal Cold Regions Research Engr Lab Schofield Barracks 114,092 Fort Shafter

Table 8

*******	T 11 /	mb 1 P 0 1 1	T11	Percent Deviation
MACOM	Installation	Thermal Energy Consumption/	installation	Thermal Energy Comsumption/
		Gross Square Foot		Gross Square Foot
		(1979)		(1975–1979)

ACC ACC	Fort Huachuca Fort Ritchie	91,938 82,320	Fort Ritchie Fort Huachuca	8.1 -10.9
HSC HSC HSC	Fort Detrick Fitzsimmons AMC Walter Reed AMC	559,734 218,137 168,547	Fort Detrick FitzsimmonsAMC Walter Reed AMC	29.8 -8.9 -31.8
INSCOM INSCOM	Vint Hill Farms Station Arlington Hall Station	109,417 89,672	Vint Hill Farms Station Arlington Hall Station	-8.4 -14.4
USMA	U.S. Military Academy	113,433	U.S. Military Academy	-11.6
MDW	Military District of Washington	90,168	Military District of Washington	-17.4
MTMC	Bayonne Military Ocean Terminal	109,061	Bayonne Military Ocean Terminal	3.7
мтмс	Military Traffic Mgt. Command (other)	33,388	Military Traffic Mgt. Command (other)	-34.1
OCE	Cold Regions Research Engr Lab	85,124	Cold Regions Research Engr Lab	-54.4
WESCOM WESCOM	Schofield Barracks Fort Shafter	14,101 14,073	Schofield Bartacks Fort Shafter	-5.9 -45.6

Table 9

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TRADOC

	TRAD	OC	
Installation	Electricity Consumption Gross Square Foot (1979)	/ Installation H	Percent Deviation Electricity Consumption Gross Square Foot (1975-1979)
Fort Belvoir	157,714	Fort McClellan	57.0
Fort Rucker	138,172	Fort Lee	55.2
Fort Gordon	132,524	Fort Hamilton	38.2
Fort Eustis	131,442	Fort Eustis	36.4
Fort Lee	120,789	Fort Belvoir	32.1
Fort McClellan	117,273	Fort Benning	24.3
Fort Benjamin Harriso	n 113,988	Fort Sill	13.8
Carlisle Barracks	109,314	Fort Leavenworth	11.2
Fort Leonard Wood	107,683	Fort Leonard Wood	7.2
Fort Benning	102,041	Fort A. P. Hill	6.7
Fort Sill	101,426	Fort Bliss	6.3
Fort Jackson	95,272	Fort Gordon	6.0
Fort Monroe	93,135	Fort Knox	2.0
Fort Bliss	91,073	Fort Dix	0.8
Fort Leavenworth	84,027	Fort Rucker	-3.3
Fort Knox	75,337	Fort Monroe	-4.3
Fort Dix	71,140	Fort Benjamin Harri	ison -4.5
Fort A. P. Hill	70,798	Carlisle Barracks	-7.0
Fort Hamilton	59,700	Fort Chaffee	-8.9
Fort Pickett	26,014	Fort Jackson	-9.3
Fort Chaffee	13,434	Fort Pickett	-42.0

Table 10

Г	Ra	DO	С
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Installation T	TRADO		Percent Deviation ermal Energy Consumption
	Gross Square Foot (1979)	.,	Gross Square Foot (1975-1979)
Fort Dix	158,345	Fort Hamilton	57.8
Fort Gordon	137,133	Fort Benning	5.8
Fort Jackson	137,099	Fort McClellan	0.9
Fort Belvoir	129,039	Fort Sill	0.8
Fort Benjamin Harris	on 128,539	Fort Knox	-2.3
Fort Knox	128,278	Fort Dix	-3.9
Carlisle Barracks	123,271	Fort Eustis	-5.0
Fort Hamilton	121,209	Fort Jackson	-5.5
Fort Leonard Wood	116,656	Fort A. P. Hill	-5.5
Fort Eustis	116,562	Fort Belvoir	-11.5
Fort Benning	115,068	Fort Monroe	-11.8
Fort Sill	109,878	Fort Benjamin Harri	son -11.9
Fort Lee	107,115	Fort Leonard Wood	-15.9
Fort Rucker	104,235	Fort Bliss	-16.5
Fort McClellan	99,899	Fort Gordon	-16.8
Fort Bliss	91,023	Fort Rucker	-17.8
Fort Leavenworth	87,457	Fort Chaffee	-19.3
Fort A. P. Hill	83,115	Carlisle Barracks	-20.9
Fort Monroe	70,261	Fort Lee	-22.6
Fort Pickett	33,109	Fort Leavenworth	-26.0
Fort Chaffee	16,420	Fort Pickett	-50.8

Table 11

TRADOC

	TRADOC	;	
Installation	Energy Consumption/ Gross Square Foot (1979)	Installation	Percent Deviation Energy Consumption/ Gross Square Foot (1975-1979)
Fort Belvoir	286,753	Fort Hamilton	50.8
Fort Gordon	270,457	Fort McClellan	25.0
Fort Eustis	248,004	Fort Benning	13.7
Fort Benjamin Harris		Fort Eustis	13.2
Fort Rucker	242,407	Fort Belvoir	8.1
Carlisle Barracks	232,586	Fort Sill	6.6
Fort Jackson	232,372	Fort Lee	5.4
Fort Dix	229,486	Fort A. P. Hill	-0,2
Fort Lee	227,904	Fort Knox	-0.8
Fort Leonard Wood	224,339	Fort Dix	-2.5
Fort McClellan	217,172	Fort Leonard Wood	-6.1
Fort Benning	217,110	Fort Bliss	-6.5
Fort Sill	211,304	Fort Gordon	-7.0
Fort Knox	203,615	Fort Jackson	-7.1
Fort Bliss	182,146	Fort Monroe	-7.7
Fort Hamilton	180,909	Fort Benjamin Harris	
Fort Leavenworth	171,484	Fort Rucker	-10.1
Fort Monroe	163,396	Fort Leavenworth	-11.5
Fort A. P. Hill	153,913	Carlisle Barracks	-14.9
Fort Pickett	59,123	Fort Chaffee	-14.9
Fort Chaffee	29,855	Fort Pickett	-47.3

Table 12

TRADOC

TRADOC								
Installation F		Population	(GSF)/	Installation	Real Prop	rcent Devia perty Inven ctive Popul 975-1979)	tory (GSF)	
Fort Chaffee		4.55	T	Fort Chaffee		385.0		
Fort Pickett		1.98	1	Fort Pickett		159.7		
Fort Monroe		1,20	ì	Fort Monroe		76.9		
Fort Benjamin Harr	ison	0.98	1	Fort Benjamin H	arrison	66.2		
Fort Leavenworth		0.80	1	Fort A. P. Hill		37.3		
Fort Belvoir		0.76	1	Fort Hamilton		29.3		
Carlisle Barracks		0.74	1	Fort Leonard Wo	od	28.6		
Fort Dix		0.74	1	Fort Jackson		17.7		
Fort Bliss		0.66	1	Fort Belvoir		15.0		
Fort Hamilton		0.64		Fort Rucker		13.0		
Fort A. P. Hill		0.61	•	Fort Knox		6.4		
Fort Benning		0.61	ł	Carlisle Barrac	ks	6.0		
Fort Sill		0.61		Fort Dix		4.9		
Fort Knox		0.61	i	Fort Leavenwort	ħ	2.9		
Fort Jackson		0.60	1	Fort Bliss		1.5		
Fort Lee		0.59		Fort Sill		-5.6		
Fort Rucker		0.59	1	Fort Gordon		-6.8		
Fort Eustis		0.56	1	Fort Lee		-9.2		
Fort Leonard Wood		0.55		Fort Eustis		-9.6		
Fort Gordon		0.55	í	Fort Benning		-19.6		
Fort McClellan		0.49	.l	Fort McClellan		-35.6		

Table 13

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TRADOC

	Electricity Consumption/ Ton of Air Conditioning (1979)	Percent Deviation Installation Electricity Consumption/ Ton of Air Conditioning (1975-1979)		
Fort Bliss	269.2	Fort Dix	12.6	
Fort Pickett	266.9	Fort Gordon	6.0	
Fort A. P. Hill	187.0	Fort McClellan	5.9	
Fort Knox	183.4	Fort Knox	5.7	
Fort Dix	159.7	Fort Sill	5.0	
Fort Belvoir	112.4	Fort Bliss	4.5	
Fort Hamilton	100.2	Fort Rucker	-1.7	
Fort Leavenworth	100.0	Fort Eustis	-2.5	
Carlisle Barracks	95.6	Fort Jackson	-4.9	
Fort Eustis	92.6	Fort Hamilton	-7.9	
Fort McClellan	82.0	Fort Benning	-9.6	
Fort Leonard Wood	81.5	Fort Benjamin Harris	on -9.7	
Fort Jackson	79.2	Fort Belvoir	-13.8	
Fort Monroe	78.8	Fort Leavenworth	-18.7	
Fort Lee	78.4	Carlisle Barracks	-21.8	
Fort Benning	75.6	Fort Chaffee	-29.5	
Fort Rucker	75.4	Fort Lee	-32.7	
Fort Sill	73.4	Fort Leonard Wood	-34.9	
Fort Chaffee	64.8	Fort A. P. Hill	-37.0	
Fort Benjamin Harris	on 63.2	Fort Monroe	-50.9	
Fort Gordon	61.3	Fort Pickett	-62.3	

Table 14

TRADOC

	TRADOC			
Installation	Electricity Consumption, Resident Population (1979)	/ Installation	Percent Deviation Electricity Consumption/ Resident Population (1975-1979)	
Fort Monroe	218.4	Fort Chaffee	380.0	
Fort Benjamin Harrison	182.3	Fort Monroe	131.2	
Fort Belvoir	152.4	Fort Pickett	79.8	
Carlisle Barracks	106.2	Fort Hamilton	78.3	
Fort Rucker	98.2	Fort Belvoir	56.7	
Fort Gordon	88.2	Fort A. P. Hill	52.2	
Fort Eustis	83.3	Fort Lee	36.1	
Fort Lee	83.1	Fort Leonard Wood	33.4	
Fort McClellan	79.0	Fort Eustis	25.6	
Fort Sill	75.6	Fort McClellan	16.0	
Fort Leavenworth	75.3	Fort Leavenworth	15.7	
Fort Bliss	75.1	Fort Benjamin Harris	on 14.1	
Fort Benning	74.7	Fort Dix	10.6	
Fort Pickett	69.2	Fort Bliss	10.2	
Fort Chaffee	69.1	Fort Rucker	8.4	
Fort Jackson	64.8	Fort Knox	6.5	
Fort Leonard Wood	61.1	Fort Jackson	3.4	
Fort Dix	59.1	Fort Sill	1.5	
Fort Knox	52.8	Fort Benning	1.4	
Fort A. P. Hill	49.7	Carlisle Barracks	-1.0	
Fort Hamilton	40.8	Fort Gordon	-7.2	

Table 15

TRADO

	I KADO	•		
Installation	Energy Consumption/ Effective Population (1979)	Installation	Percent Deviation Energy Consumption/ Effective Population (1975-1979)	
Fort Benjamin Harrison	238.5	Fort Chaffee	312.5	
Fort Belvoir	216.5	Fort Hamilton	94.9	
Fort Monroe	196.0	Fort Monroe	63.3	
Carlisle Barracks	171.0	Fort Benjamin Harrison	n 51.9	
Fort Dix	170.0	Fort A. P. Hill	37.0	
Fort Gordon	147.7	Fort Pickett	37.0	
Fort Jackson	140.3	Fort Belvoir	24.4	
Fort Eustis	138.4	Fort Leonard Wood	20.7	
Fort Leavenworth	137.0	Fort Jackson	9.4	
Fort Chaffee	135.9	Fort Knox	5.6	
Fort Rucker	135.4	Fort Eustis	2.4	
Fort Lee	134.7	Fort Dix	2.3	
Fort Benning	131.8	Fort Rucker	1.6	
Fort Sill	129.4	Fort Sill	0.6	
Fort Knox	125.1	Fort Lee	-4.3	
Fort Leonard Wood	122.9	Fort Bliss	-5.0	
Fort Bliss	119.5	Fort Benning	-8.6	
Fort Pickett	117.2	Fort Leavenworth	-8.9	
Fort Hamilton	115.9	Carlisle Barracks	-9.8	
Fort McClellan	106.9	Fort Gordon	-13.3	
Fort A. P. Hill	93.4	Fort McClellan	-19.4	

Table 16

CRADOC

	TRAI	DOC	
Installation	Energy Consumption/ Population Served (1979)	Installation	Percent Deviation Energy Consumption Population Served (1975-1979)
Fort Belvoir	150.6	Fort Chaffee	261.7
Fort Dix	139.8	Fort Hamilton	95.7
Fort Benjamin Harriso	n 134.7	Fort Benjamin Harriso	on 81.6
Fort Leonard Wood	115.0	Fort Monroe	32.4
Carlisle Barracks	115.0	Fort A. P. Hill	29.9
Fort Jackson	114.5	Fort Leonard Wood	27.8
Fort Leavenworth	112.6	Fort Belvoir	20.2
Fort Eustis	111.6	Fort Jackson	14.5
Fort Chaffee	110.6	Fort Pickett	10.9
Fort Gordon	107.9	Fort Knox	8.4
Fort Lee	105.0	Fort Sill	7.2
Fort Hamilton	103.2	Fort Rucker	2.5
Fort Knox	100.4	Fort Lee	0.2
Fort Monroe	99.2	Fort Eustis	-0.3
Fort Benning	98.2	Fort Dix	-4.7
Fort Sill	95.4	Fort Gordon	-7.1
Fort Rucker	94.8	Fort Bliss	-7.2
Fort Bliss	84.9	Fort Benning	-10.2
Fort Pickett	77.6	Carlisle Barracks	-10.3
Fort A. P. Hill	73.5	Fort Leavenworth	-10.4
Fort McClellan	69.4	Fort McClellan	-30.7

Table 17

DARCOM				
lnstallation	Electricity Co Gross Square (1979)		Installation F	Percent Deviation Electricity Consumption/ Gross Square Foot (1975-1979)
Detroit Arsenal		440,834	Sunflower AAP	148.4
Harry Diamond La	ıb	391,258	Detroit Arsenal	92.6
Redstone Arsenal		302,164	Kansas AAP	84.2
Holston AAP	•	287,617	Harry Diamond Lab	74.9
Yuma Proving Gro	ound	227,226	Picatinny Arsenal	63.1
Watervliet Arsen		225,507	Cornhusker AAP	52.4
White Sands Miss		190,900	New Cumberland Army Depot	
Natick Research		150,009	Watervliet Arsenal	34.4
Development C		130,007	Seneca Army Depot	28.9
Michigan Army Mi		136,036	Sierra Army Depot	27.9
Longhorn AAP	obite Hane	131,127	White Sands Missile Range	
Riverbank AAP		129,439	Newport AAP	13.0
Army Materials &	Mechanics	124,111	Letterkenny Army Depot	12.5
Research Cent		127,111	Rock Island Arsenal	11.9
Aberdeen Proving	=	119,766	Tobyhanna Army Depot	9.9
Lake City AAP	orbuita	119,317	Longhorn AAP	9.9
Newport AAP		105,521	Lake City AAP	8.7
Dugway Proving G	round	101,970	Pine Bluff Arsenal	7.7
Fort Monmouth	redita	97,425	Natick Research &	7.7
Kansas AAP		85,291	Development Center	7.1
Sacramento Army	Denot	81,557	Yuma Proving Ground	4.8
Volunteer AAP	Depot	81,288	Army Materials & Mechanic	
New Cumberland A	rmy Denot	78,949	Research Center	5 4.1
Twin Cities AAP	irmy bepot	77,293	Anniston Army Depot	2.5
Letterkenny Army	Denot	76,815	Sharpe Army Depot	1.5
Cornhusker AAP	Depot	75,062	Louisiana AAP	0.5
Picatinny Arsena	1	74,863	Aberdeen Proving Ground	-2.2
Rock Island Arse		71,096	Sacramento Army Depot	-8.3
Radford AAP		68,127	Fort Monmouth	-8.3
Red River Army D	enot	66,294	Redstone Arsenal	-10.5
Lone Star AAP	- por	65,386	Selfridge Area Support Ce	
Tobyhanna Army D	enot	65,363	Dugway Proving Ground	-11.6
Sunflower AAP	cpoc	61,352	Lone Star AAP	-13.5
Anniston Army De	not	59,266	St. Louis Area Support Ce	
Underhill Firing		56,815	Ravenna AAP	-20.2
Louisiana AAP	mange	55,978	Indiana AAP	-20.2
Iowa AAP		53,872	Radford AAP	-21.1 -21.2
Rocky Mountain A	rsenal	49,174	Michigan Army Missile Pla	
Joliet AAP	racitat	44,513	Tooele Army Depot	
		44,010	Tooete Army Depot	-25.7

Holston AAP

Milan AAP

Iowa AAP

Joliet AAP

Badger AAP

Volunteer AAP

Alabama Army Depot

Frankford Arsenal

Scranton AAP

Jefferson Proving Ground

Lexington-Blue Grass

Savanna Army Depot

Twin Cities AAP

Riverbank AAP

Red River Army Depot

Rocky Mountain Arsenal

Underhill Firing Range

-26.2

-31.8

-33.5

-34.1

-36.6

-38.4

-48.9

-50.1

-56.7

-59.4

-61.8

-65.6

-67.6

-84.4

Table 18 -30-

44,144

37,420 36,558

36,470

36,410

35,352

32,514

30,022

25,973

23,183

21,815

19,639

10,516

8,463

Jefferson Proving Ground

Lexington-Blue Grass

Pine Bluff Arsenal

Seneca Army Depot

Sharpe Army Depot

Tooele Army Depot

Sierra Army Depot

Savanna Army Depot

Alabama Army Depot

Frankford Arsenal

St. Louis Area Support Center

Selfridge Area Support Center

Indiana AAP

Milan AAP

Badger AAP

Ravenna AAP

Scranton AAP

Installation

Thermal Energy Consumption/ Gross Square Foot (1979) Percent Deviation
Installation Thermal Energy Consumption
/Gross Square Foot
(1975-1979)

Holston AAP	1,226,158	Sunflower AAP	305.8
Radford AAP	969,767	Newport AAP	71.6
Detroit Arsenal	661,252	Detroit Arsenal	62.5
Longhorn AAP	393,384	Harry Diamond Lab	33.2
Picatinny Arsenal	385,538	Cornhusker AAP	28.8
Iowa AAP	263,022	Michigan Army Missile Plant	26.0
Lake City AAP	231,615	Watervliet Arsenal	19.2
Michigan Army Missile Plant	221,954	Kansas AAP	17.7
Redstone Arsenal	209,978	Selfridge Area Support Center	17.7
Watervliet Arsenal	208,160	Iowa AAP	9.3
Lone Star AAP	207,055	Army Materials & Mechanics	8.4
Newport AAP	195,970	Research Center	
Aberdeen Proving Ground	195,408	Savanna Army Depot	7.7
Army Materials & Mechanics	171,393	Red River Army Depot	7.5
Research Center	147 400	Rock Island Arsenal	6.5
Harry Diamond Lab	167,682	Sacramento Army Depot	4.3
Rock Island Arsenal	167,511	Longhorn AAP	4.1 3.9
Tobyhanna Army Depot	152,514	Lake City AAP	-0.5
Fort Monmouth	140,198	Fort Monmouth	-0.3 -3.0
Natick Research &	138,470	Seneca Army Depot	-3.0 -6.2
Development Center	122 /05	Aberdeen Proving Ground	-8.0
Kansas AAP	133,405	Picatinny Arsenal	-9.2
Dugway Proving Ground	114,987	Anniston Army Depot	-9.2 -9.3
Joliet AAP	114,463	Yuma Proving Ground	-11.6
Twin Cities AAP	111,227	Dugway Proving Ground	-12.3
Cornhusker AAP	108,020	Natick Research &	-14.3
Pine Bluff Arsenal	100,619 81,814	Development Center	-12.4
White Sands Missile Range	81,175	Sharpe Army Depot Tobyhanna Army Depot	-14.5
Milan AAP	78,949	• •	-18.4
New Cumberland Army Depot	71,818	Letterkenny Army Depot Redstone Arsenal	-20.8
Red River Army Depot Rocky Mountain Arsenal	70,763	Lexington-Blue Grass	-23.1
Jefferson Proving Ground	56,186	Pine Bluff Arsenal	-23.3
Louisiana AAP	55,979	St. Louis Area Support Center	-24
Riverbank AAP	55,475	Sierra Army Depot	-24.
Sacramento Army Depot	52,143	New Cumberland Army Depot	-25.
Badger AAP	50,500	White Sands Missile Range	~25.
Anniston Army Depot	46,567	Tooele Army Depot	-28.8
Indiana AAP	43,928	Milan AAP	-29.5
Savanna Army Depot	42,068	Indiana AAP	-30.1
St. Louis Area Support Center	39,605	Lone Star AAP	-31.5
Lexington-Blue Grass	37,896	Radford AAP	-31.8
Tooele Army Depot	37,825	Jefferson Proving Ground	-32.0
Underhill Firing Range	36,337	Twin Cities AAP	-34.8
Seneca Army Depot	35,223	Ravenna AAP	-40.5
Selfridge Area Support Center	34,430	Rocky Mountain Arsenal	-48.1
Sunflower AAP	25,060	Holston AAP	-50.0
Sierra Army Depot	20,959	Riverbank AAP	-54.6
Yuma Proving Ground	17,104	Louisiana AAP	-58.9
Ravenna AAP	11,218	Underhill Firing Range	-64.9
Sharpe Army Depot	11,104	Joliet AAP	-77.9
Redstone Arsenal	-	Badger AAP	-85.3
Frankford Arsenal	_	Volunteer AAP	_
Alabama Army Depot	-	Frankford Arsenal	-
Scranton AAP	-	Alabama Army Depot	-
Volunteer AAP	-	Scranton AAP	-

Table 19 -31-

Installation	Energy Consu Gross Square (1979)		Installation	Percent Deviation Energy Consumption/ Gross Square Foot (1975-1979)
Holston AAP	1	,513,776	Sunflower AAP	179.9
Detroit Arsenal		,102,086	Detroit Arsenal	73.3
Radford AAP		,037,894	Harry Diamond Lab	59.9
Harry Diamond Lab	•	558,940	Newport AAP	45.2
Longhorn AAP		524,511	Cornhusker AAP	37.5
Redstone Arsenal		512,142	Kansas AAP	37.0
Picatinny Arsenal		460,401	Watervliet Arsenal	26.6
Watervliet Arsenal		433,667	Seneca Army Depot	10.1
Michigan Army Missi	le Plant	357,990	Rock Island Arsenal	8.0
Lake City AAP		350,932	Army Materials & Mechanics	6.6
Iowa AAP		316,894	Research Center	
Aberdeen Proving Gre	ound	315,174	Lake City AAP	5.5
Newport AAP		301,491	Longhorn AAP	5.5
Army Materials & Me	chanics	295,503	White Sands Missile Range	4.6
Research Center			Yuma Proving Ground	3.6
Natick Research &		288,479	Selfridge Area Support Cent	er 3.3
Development Cent	er		Michigan Army Missile Plant	1.6
White Sands Missile	Range	272,714	Picatinny Arsenal	-1.0
Lone Star AAP		272,441	Sharpe Army Depot	-2.7
Yuma Proving Ground		244,330	New Cumberland Army Depot	-2.9
Rock Island Arsenal		238,607	Anniston Army Depot	-3.0
Fort Monmouth		237,624	Natick Research & Developm	ent -3.2
Kansas AAP		218,696	Sacramento Army Depot	-3.8
Tobyhanna Army Depo	t	217,877	Fort Monmouth	-3.8
Dugway Proving Groun	nd	216,957	Letterkenny Army Depot	-3.9
Twin Cities AAP		188,520	Savanna Army Depot	-4.4
Riverbank AAP		184,914	Aberdeen Proving Ground	-4.7
Cornhusker AAP		183,083	Sierra Army Depot	-4.7
Joliet AAP		158,975	Tobyhanna Army Depot	-8.4
New Cumberland Army	•	157,898	Iowa AAP	-9.1
Letterkenny Army De		139,663	Dugway Proving Ground	-11.6
Red River Army Depo	t	138,112	Redstone Arsenal	-15.0
Pine Bluff Arsenal		135,971	Pine Bluff Arsenal	-17.2
Sacramento Army Depo		133,700	Red River Army Depot	-19.4
Rocky Mountain Arse	nal	119,937	St. Louis Area Support Cent	
Milan AAP		117,645	Indiana AAP	-26.2
Louisiana AAP		111,957	Lexington-Blue Grass Tooele Army Depot	-27.6 -27.7
Anniston Army Depot	manuad.	105,833	Lone Star AAP	-27.7
Jefferson Proving G Underhill Firing Ran		93,152	Jefferson Proving Ground	-29.6
Sunflower AAP	iige	86,412	Radford AAP	-31.2
Indiana AAP		81,347	Milan AAP	-32.5
Volunteer AAP		81,288	Ravenna AAP	-33.2
St. Louis Area Supp	ort Center	76,163	Twin Cities AAP	-41.4
Lexington-Blue Grass		74,306	Louisiana AAP	-41.7
Badger AAP	•	70,139	Holston AAP	-47.5
Seneca Army Depot		67,737	Rocky Mountain Arsenal	-53.4
Tooele Army Depot		61,008	Riverbank AAP	-56.1
Selfridge Area Supp	ort Center	60,403	Underhill Firing Range	-63.1
Savanna Army Depot		52,585	Joliet AAP	-75.4
Sierra Army Depot		42,774	Badger AAP	-82.6
Sharpe Army Depot		41,126	Volunteer AAP	~94.5
Ravenna AAP		19,681	Frankford Arsenal	-
Scranton AAP		-	Alabama Army Depot	-
Alabama Army Depot		-	Scranton AAP	-
Frankford Arsenal		-		
	T-1.1- 20		20	

Table 20

Installation Real Property Inventory (GSF)/ Installation Percent Deviation

Effective Population (1979) Real Property Inventory (GSF)

(1979) /Effective Population (1975-1979)

		•	
Badger AAP	69.37	Underhill Firing Range	152.5
Ravenna AAP	31.88	Badger AAP	134.0
Sunflower AAP	17.32	Rocky Mountain Arsenal	118.5
Savanna Army Depot	13.64	Volunteer AAP	116.5
Volunteer AAP	13.33	Lexington-Blue Grass	110.7
Rocky Mountain Arsenal	11.23	Savanna Army Depot	102.0
Joliet AAP	10.17	Indiana AAP	86.1
Tooele Army Depot	9.44	Longhorn AAP	82.1
Louisiana AAP	9.06	Harry Diamond Lab	66.4
Iowa AAP	8.79	Iowa AAP	66.4
Lexington-Blue Grass	8.13	Jefferson Proving Ground	65.8
Riverbank AAP	7.02	Radford AAP	64.0
Indiana AAP	6.83	Riverbank AAP	62.0
Newport AAP	6.56	Watervliet Arsenal	32.9
Twin Cities AAP	6.35	Lake City AAP	32.0
Milan AAP	6.27	Joliet AAP	31.9
Underhill Firing Range	6.13	Louisiana AAP	30.9
Anniston Army Depot	5.09	Yuma Proving Ground	24.7
Sharpe Army Depot	4.78	Lone Star AAP	20.1
Jefferson Proving Ground	4.59	St. Louis Area Support Center	20.1
Lone Star AAP	4.59	Dugway Proving Ground	17.4
Pine Bluff Arsenal	4.53	Ravenna AAP	16.1
Lake City AAP	4.40 4.27	Sharpe Army Depot	13.9 11.4
Sierra Army Depot Longhorn AAP	4.27	Red River Army Depot Twin Cities AAP	6.3
	3.96	Redstone Arsenal	4.8
St. Louis Area Support Center Radford AAP	3.96		3.7
	3.74	Tooele Army Depot	3.6
Seneca Army Depot Holston AAP	3.63	Sacramento Army Depot	3.1
Letterkenny Army Depot	3.43	Letterkenny Army Depot Natrick Research &	2.3
Red River Army Depot	3.37	Development Center	2.3
Kansas AAP	3.29	Milan AAP	1.09
Sacramento Army Depot	2.93	Michigan Army Missile Plant	0.5
Army Materials & Mechanics	2.85	Holston AAP	-0.04
Research Center	2.03	Rock Island Arsenal	-0.1
Michigan Army Missile Plant	2.60	Fort Monmouth	-1.3
Cornhusker AAP	2.46	Anniston Army Depot	-1.4
Watervliet Arsenal	2.46	Picatinny Arsenal	-4.1
Tobyhanna Army Depot	2.34	Army Materials & Mechanics	-6.7
New Cumberland Army Depot	2.15	Research Center	•••
Rock Island Arsenal	1.98	Sierra Army Depot	-9.4
Harry Diamond Lab	1.94	Tobyhanna Army Depot	-14.6
Picatinny Arsenal	1.62	Aberdeen Proving Ground	-14.8
Natick Research &	1.30	Detroit Arsenal	-21.2
Development Center	2.30	New Cumberland Army Depot	-22.6
Dugway Proving Ground	1.16	Pine Bluff Arsenal	-23.8
Yuma Proving Ground	0.92	Seneca Army Depot	-24.0
White Sands Missile Range	0.91	White Sands Missile Range	-26.5
Redstone Arsenal	0.79	Newport AAP	-35.0
Fort Monmouth	0.76	Cornhusker AAP	-39.9
Aberdeen Proving Ground	0.67	Kansas AAP	-45.4
Detroit Arsenal	0.63	Sunflower AAP	-60.3
Selfridge Area Support Center	0.09	Selfridge Area Support Center	-71.8
Scranton AAP	-	Scranton AAP	_
Alabama Army Depot	_	Alabama Army Depot	_
Frankford Arsenal	-	Frankford Arsenal	-

Table 21 -33-

lnstallation To	Electricity (on of Air Conc (1979)	litioning	E	Percent Deviation lectricity Consumption/ on of Air Conditioning
	,			(1975–1979)
		2 075 5	Harry Diamond Lab	56.0
Holston AAP		3,975.5	Tooele Army Depot	17.4
Riverbank AAP		1,086.0 871.2	Seneca Army Depot	16,3
Underhill Firing R	ange	575.9	Sierra Army Depot	12,0
Sunflower AAP		475.6	Cornhusker AAP	7.3
Sierra Army Depot Watervliet Arsenal		417.9	Army Materials & Mechanics	
Cornhusker AAP		407.7	Research Center	
Tooele Army Depot		351.0	Watervliet Arsenal	3.5
Seneca Army Depot		319.9	Underhill Firing Range	3.3
New Cumberland Arm	v Denot	290.5	Longhorn AAP	2.5
Tobyhanna Army Dep		258,2	Tobyhanna Army Depot	1.0
Dugway Proving Gro		242.5	Letterkenny Army Depot	0.9
Sacramento Army De		229.2	Natick Research &	-8.2
Volunteer AAP	F	223,2	Development Center	
Letterkenny Army D	enot	214.3	Louisiana AAP	-8.2
Anniston Army Depo	•	210.8	Selfridge Area Support Cer	ter -10.0
Badger AAP	•	206.0	Anniston Army Depot	-14.1
Sharpe Army Depot		205.2	Picatinny Arsenal	-19.1
Selfridge Area Sup	port Center	204.0	Aberdeen Proving Ground	-24.1
Picatinny Arsenal	•	176.7	New Cumberland Army Depot	-24.3
Louisiana AAP		170.8	Redstone Arsenal	-25.3
Radford AAP		169.8	Jefferson Proving Ground	-25.8
Newport AAP		168.5	Radford AAP	-28.4
Red River Army Dep	ot	168.4	Fort Monmouth	-28.5
Michigan Army Miss	ile Plant	154.4	Rock Island Arsenal	-28.9
Lexington-Blue Gra	ISS	151.2	Michigan Army Missile Plan	
Milan AAP		150.9	Kansas AAP	-31.0
Natick Research &		149.0	Holston AAP	-32.4
Development Cen	iter		Sharpe Army Depot	-33.6
Lake City AAP		143.8	White Sands Missile Range	-35.6 -40.4
Rock Island Arsena	1	129.2	Newport AAP	-40.4 -41.7
Indiana AAP		126.3	Savanna Army Depot	-41.7 -42.6
Redstone Arsenal		119.4	Yuma Proving Ground	-42.9
Fort Monmouth		102.6	Indiana AAP St. Louis Area Support Ct:	
Army Materials & M		99.4	Red River Army Depot	-43.8
Research Center	•	91.4	Sacramento Army Depot	-44.1
Detroit Arsenal	Chu	90.9	Lake City AAP	-48.9
St. Louis Area Sup	•	88.5	Dugway Proving Ground	-50.6
Savanna Army Depot Kansas AAP	-	81.2	Lexington-Blue Grass	-51.2
Pine Bluff Arsenal	ī	80.6	Lone Star AAP	-55.3
Harry Diamond Lab		64.1	Detroit Arsenal	-57.1
Longhorn AAP		63.6	Pine Bluff Arsenal	-57.7
Yuma Proving Groun	nd	54.4	Badger AAP	-65.7
White Sands Missil		52.9	Volunteer AAP	-66.7
Aberdeen Proving (48.6	Riverbank AAP	-86.7
Jefferson Proving		45.1	Iowa AAP	-91.3
Iowa AAP		40.5	Rocky Mountain Arsenal	-
Lone Star AAP		38.8	Frankford Arsenal	-
Rocky Mountain Ars	sena1	- .	Alabama Army Depot	-
Frankford Arsenal		-	Scranton AAP	-
Alabama Army Depot		-	Ravenna AAP	-
Scranton AAP		-	Joliet AAP	-
Ravenna AAP		-	Twin Cities AAP	-
Joliet AAP		-	Sunflower AAP	-
Twin Cities		-	Milan AAP	-

Table 22

-34-

Installation Electricity (Resident Po (1979)		Installation I	Percent Deviation Electricity Consumption/ Resident Population (1975-1979)
Anniston Army Depot	32,738.9	Louisiana AAP	151.6
Sacramento Army Depot	8,269.3	Savanna Army Depot	134.2
Lake City AAP	7,763.0	Rocky Mountain Arsenal	118.2
Twin Cities AAP	6,049.2	Iowa AAP	103.5
Iowa AAP	5,065.3	Yuma Proving Ground	54.6
Louisiana AAP	4,987.5	New Cumberland Army Depot	
Rocky Mountain Arsenal	4,474.8	Jefferson Proving Ground	48.4
Radford AAP	4,319.7	Watervliet Arsenal	40.4
Army Materials & Mechanics	3,400.6	Anniston Army Depot	38.7
Research Center	•	Letterkenny Army Depot	27.2
Letterkenny Army Depot	2,862.5	White Sands Missile Range	27.2
Lexington-Blue Grass	2,368.8	Dugway Proving Ground	18.1
Watervliet Arsenal	1,868.9	Aberdeen Proving Ground	16.2
Rock Island Arsenal	1,762.3	Sierra Army Depot	16.2
Red River Army Depot	1,641.6	Cornhusker AAP	15.2
Milan AAP	1,440.6	Pine Bluff Arsenal	10.1
New Cumberland Army Depot	1,124.5	Lake City AAP	7.6
Tooele Army Depot	1,057.7	Rock Island Arsenal	7.3
Jefferson Proving Ground	966.9	Radford AAP	5.6
Tobyhanna Army Depot	875.8	Picatinny Arsenal	4.5
Indiana AAP	864.7	Sharpe Army Depot	0.3
Sharpe Army Depot	769.6	Natick Research &	-2.1
Joliet AAP	742.4	Development Ctr.	r 0
Pine Bluff Arsenal	607.7	Redstone Arsenal	-5.0
Ravenna AAP	580.5	Seneca Army Depot	-10.3
Picatinny Arsenal	500.1	Milan AAP	-11.0
Redstone Arsenal	473.6	Sacramento Army Depot	-11.1
Cornhusker AAP	448.5	Fort Monmouth	-11.8
Savanna Army Depot	424.4	St. Louis Area Support Ct	
Natick Research &	400.3	Indiana AAP	-20.3
Development Center		Ravenna AAP	-23.1
White Sands Missile Range	284.9	Red River Army Depot	-28.7
Yuma Proving Ground	262.5	Lexington-Blue Grass	-30.2 -45.2
Aberdeen Proving Ground	176.2	Tooele Army Depot	
St. Louis Area Support Ctr.	167.7	Army Materials & Mechanic	cs -43.9
Seneca Army Depot	158.0	Research Center	-51.4
Dugway Proving Ground	147.2	Tobyhanna Army Depot	-54.3
Sierra Army Depot	112.1	Twin Cities AAP	
Fort Monmouth	108.2	Selfridge Area Support C	-77.4
Selfridge Area Support Cente	r 2.4	Joliet AAP	-//.4
Scranton AAP	_	Newport AAP	_ _
Alabama Army Depot	-	Longhorn AAP	_
Frankford Arsenal	-	Lone Star AAP Michigan Army Missile Pl	
Badger AAP	_	Riverbank AAP	-
Volunteer AAP	-	Underhill Firing Range	-
Holston AAP	-	Sunflower AAP	_
Detroit Arsenal	-	Kansas AAP	_
Harry Diamond Lab	-	Scranton AAP	-
Kansas AAP	_	Harry Diamond Lab	_
Sunflower AAP	<u>-</u>	Alabama Army Depot	_
Underhill Firing Range	-	Detroit Arsenal	-
Riverbank AAP	-	Holston AAP	_
Michigan Army Missile Plant	-	Frankford Arsenal	_
Lone Star AAP	-	Volunteer AAP	_
Longhorn AAP	<u>-</u>	Badger AAP	-
Newport AAP	-		
Table 23	-	-35-	

Installation	Energy Consumption/ Effective Population (1979)		Percent Deviation Energy Consumption/ Effective Population (1975-1979)
Holston AAP	5,490.2	Harry Diamond Lab	166.0
Badger AAP	4,865.6	Savanna Army Depot	93.1
Radford AAP	4,087.1	Longhorn AAP	92.1
Iowa AAP	2,784.7	Watervliet Arsenal	68.3
Longhorn AAP	2,229.2	Lexington-Blue Grass	52.5
Newport AAP	1,978.1	Iowa AAP	51.2
Joliet AAP	1,616.9	Milan AAP	41.2
Lake City AAP	1,545.8	Lake City AAP	39.2
Sunflower AAP	1,496.6	Indiana AAP	37.3
Rocky Mountain Arsena	1 1,346.6	Detroit Arsenal	36.6
Riverbank AAP	1,298,2	Yuma Proving Ground	29.3
Lone Star AAP	1,251.5	Jefferson Proving Ground	16.8
Twin Cities AAP	1,198.0	Radford AAP	12.9
Harry Diamond Lab	1,085.5	Sunflower AAP	11.0
Volunteer AAP	1,083.8	Sharpe Army Depot	10.8
Watervliet Arsenal	1,067.7	Dugway Proving Ground	3.7
Louisiana AAP	1,013.9	Michigan Army Missile Plant	t 2.2
Michigan Army Missile	Plant 931.9	Rocky Mountain Arsenal	1.8
Army Materials & Mech	anics 843.4	Sacramento Army Depot	-0.3
Research Center		Army Materials & Mechanics	-0.5
Picatinny Arsenal	745.3	Research Center	
Milan AAP	738.1	Letterkenny Army Depot	-0.9
Kansas AAP	718.7	Natick Research &	-1.0
Savanna Army Depot	717.1	Development Center	
Detroit Arsenal	698.1	Rock Island Arsenal	-2.1
Ravenna AAP	627.5	Anniston Army Depot	-4.4
Pine Bluff Arsenal	615.9	Picatinny Arsenal	-5.0
Lexington-Blue Grass	604.3	Fort Monmouth	-5.5
Tooele Army Depot	575.6	Newport AAP	-5.6
Underhill Firing Rang		St. Louis Area Support Cen	
Indiana AAP	555.5	Underhill Firing Range	-6.7
Anniston Army Depot	538.9	Red River Army Depot	-10.2
Tobyhanna Army Depot	509.0	Redstone Arsenal	-10.9
Letterkenny Army Depo		Lone Star AAP	-13.4
Rock Island Arsenal	471.7	Sierra Army Depot	-13.7
Red River Army Depot	464.8	Seneca Army Depot	-16.3
Jefferson Proving Gro		Cornhusker AAP	-17.4
Cornhusker AAP	451.1	Aberdeen Proving Ground	-18.8
Redstone Arsenal	404.5	Tobyhanna Army Depot	-21.8
Sacramento Army Depot		Ravenna AAP	-22.5 -23.1
Natick Research &	375.6	White Sands Missile Range	-23.1 -23.7
Development Center		Louisiana AAP	-24.8
New Cumberland Army D	- F -	New Cumberland Army Depot Tooele Army Depot	-25.0
St. Louis Area Suppor Seneca Army Depot	253.0	Kansas AAP	-25.2
Dugway Proving Ground		Riverbank AAP	-28.9
White Sands Missile R		Pine Bluff Arsenal	-36.9
Yuma Proving Ground	225.7	Twin Cities AAP	-37.7
Aberdeen Proving Ground		Holston AAP	-47 . 5
Sharpe Army Depot	196.7	Badger AAP	-59.4
Sierra Army Depot	182.7	Joliet AAP	-67,6
Fort Monmouth	180.1	Selfridge Area Support Cen	
Selfridge Area Suppor		Volunteer AAP	-88,1
Scranton AAP	c center 5.7	Scranton AAP	-
Alabama Army Depot	-	Alabama Army Depot	_
Frankford Arsenal	~	Frankford Arsenal	_
III Denaz			

Installation	Energy Cons Population (1979)	Served	Installation	Percent Deviation Energy Consumption/ Population Served (1975-1979)
Holston AAP		1,829.2	Harry Diamond Lab	165.9
Badger AAP		1,613.2	Longhorn AAP	91.9
Radford AAP		1,421.2	Watervliet Arsenal	77.1
Iowa AAP		990.7	Lexington-Blue Grass	59.7
Joliet AAP		906.5	Indiana AAP	52.8
Longhorn AAP		742.3	Savanna Army Depot	50.2
Newport AAP		656.7	Milan AAP	46.3
Lake City AAP		539.4	Lake City AAP	40.8
Sunflower AAP		497.4	Iowa AAP	36.7
Rocky Mountain Ars	enal	490.2	Radford AAP	13.7
Watervliet Arsenal		443.6	Sharpe Army Depot	12.8
Riverbank AAP		432.7	Jefferson Proving Ground	12.6
Twin Cities AAP		422.0	St. Louis Area Support Ctr.	7.1
Lone Star AAP		417.2	Natick Research &	4.1
Volunteer AAP		363.0	Development Ctr.	
Louisiana AAP		362.5	Army Materials & Mechanics	2.6
Harry Diamond Lab		361.8	Research Center	
Michigan Army Miss	ile Plt.	310.6	Michigan Army Missile Plant	2.2
Savanna Army Depot		308.1	Yuma Proving Ground	2.0
Ravenna AAP		303.1	Picatinny Arsenal	1.0
Army Materials & M	echanics	302.1	Detroit Arsenal	0.1
Research Center			Sacramento Army Depot	0
Picatinny Arsenal		296.2	Letterkenny Army Depot	-1.0
Milan AAP		275.2	Rock Island Arsenal	-2.4
Pine Bluff Arsenal		248.2	Fort Monmouth	-3.9
Kansas AAP		239.8	Anniston Army Depot	-4.6
St. Louis Area Sup	port Ctr.	236.3	Newport AAP	-5.8
Detroit Arsenal	•	232.7	Sunflower AAP	-6.5
Indiana AAP		230.7	Underhill Firing Range	-6.7
Tooele Army Depot		222.6	Seneca Army Depot	-9.0
Lexington-Blue Gra	ss	219.9	Red River Army Depot	-10.3
Cornhusker AAP		207.4	Rocky Mountain Arsenal	-11.4
Redstone Arsenal		203.0	Redstone Arsenal	-11.5
Tobyhanna Army Dep	ot	192.0	Dugway Proving Ground	-12.7
Underhill Firing R	ange	190.4	Lone Star AAP	-13.4
Natick Research &		185.5	Sierra Army Depot	-14.1
De relopment Ctr	•		Ravenna AAP	-16.8
Anniston Army Depo		180.7	Tobyhanna Army Depot	-16.8
Dugway Proving Gro		179.9	Tooele Army Depot	-21.6
Jefferson Proving	Ground	177.9	Kansas AAP	-25.1
Seneca Army Depot		172.9	Cornhusker AAP	-25.4
Red River Army Dep		170.4	Aberdeen Proving Ground	-28.1
Letterkenny Army D	•	170.0	Louisiana AAP	-28.7
Rock Island Arsena		166.1	Riverbank AAP	-28.8
Yuma Proving Groun		160.8	Aberdeen Proving Ground	-32.7
White Sands Missil	e kange	139.9	Twin Cities AAP	-37.2
Sierra Army Depot		136.4	Pine Bluff Arsenal	-41.8
Sacramento Army De		133.3	White Sands Missile Range	-42.6
New Cumberland Arm	у рерос	125.8	Holston AAP	-47.5
Fort Monmouth		110.2	Joliet AAP	-56.6
Aberdeen Proving G	rouna	100.5	Badger AAP	-59.6
Sharpe Army Depot		74.9	Selfridge Area Support Ctr.	-71.1
Selfridge Area Sup	port ur.	5.6	Volunteer AAP	-88.1
Scranton AAP		-	Scranton AAP	- -
Alabama Army Depot Frankford Arsenal		-	Alabama Army Depot Frankford Arsenal	<u>-</u>
riankioid Alsenal		_	Frankiola Misenai	_

Table 25

-37-

	lectricity Consumption, ross Square Foot (1979)		Percent Deviation Electricity Consumption Gross Square Foot (1975-1979)
Fort Meade	269,227	Fort Riley	51.0
Fort Bragg	130,931	Fort Polk	44.8
Fort Campbell	124,082	Fort Meade	34.0
Yakima Firing Center	121,093	Fort Devens	25.4
Fort Sam Houston	120,609	Vancouver Barracks	23.1
Fort Stewart	119,123	Fort Indiantown Cap	20.9
Fort Hood	104,493	Fort Stewart	20.1
Fort Riley	101,702	Yakima Firing Center	19.2
Fort Polk	97,256	Fort Campbell	17.9
Oakdale Support Cent	er 96,700	Presidio of San Francis	co 15.6
Presidio of San Fran	cisco 89,312	Fort McPherson	6.6
Fort Lawton	69,527	Fort Sheridan	5.6
Fort Carson	69,321	Fort Ord	4.9
Fort Ord	69,295	Fort Bragg	3.9
Fort Sheridan	68,530	Fort Sam Houston	2.6
Fort Lewis	68,309	Oakdale Support Center	-9.8
Fort Devens	62,104	Fort Carson	-11.0
Fort Drum	51,187	Fort Lawton	-12.9
Fort McPherson	44,782	Fort Hood	-14.9
Fort Indiantown Gap	35,939	Fort McCoy	-17.8
Fort Greely	26,128	Fort Lewis	-19.2
Vancouver Barracks	21,907	Fort Richardson	-20.0
Fort McCoy	19,232	Fort Greely	-43.7
Fort Richardson	6,377	Fort Drum	-55.9
Fort Wainwright	394	fort Wainwright	-85.6

Table 26

	al Energy Consumposs Square Foot (1979)		Percent Deviation Thermal Energy Consumpt., Gross Square Foot (1975-1979)
Fort Wainwright	287,724	Presidio of San Francisco	20,4
Fort Greely	248,555	Fort McPherson	11.0
Fort Richardson	188,892	Fort Devens	9.1
Oakdale Support Center	157,776	Fort Stewart	1.7
Fort Carson	128,739	Fort Sheridan	-3.3
Fort Devens	126,090	Fort Ord	-3.3
Fort Sheridan	121,832	Oakdale Support Center	-5.9
Fort Bragg	120,860	Fort Riley	-8.0
Yakima Firing Center	116,347	Fort Indiantown Gap	-9.8
Presidio of San Francisco	,	Fort Greely	-10.0
Fort Riley	110,178	Fort Lewis	-12.3
Fort Campbell	110,035	Fort Campbell	-14.5
Fort Meade	104,699	Fort Sam Houston	-18.0
Fort Lewis	102,464	Fort Bragg	-18.3
Fort Ord	91,857	Fort Meade	-18.5
Fort Hood	82,102	Yakima Firing Center	-20.4
Fort Drum	73,660	Fort Hood	-21.5
Fort Stewart	73,011	Fort Richardson	-24.4
Fort Polk	59,608	Fort Carson	-25.8
Fort Sam Houston	54,187	Fort Wainwright	-27.6
Fort Indiantown Gap	47,640	Fort Polk	-35.8
Fort McPherson	41,337	Fort McCoy	-41.8
Fort McCoy	40,868	Vancouver Barracks	-43.4
Vancouver Barracks	35,743	Fort Drum	-43.7
Fort Lawton	25,716	Fort Lawton	-59.0 ∫

Table 27

	ergy Consumption/ oss Square Foot (1979)	Installation	Percent Deviation Energy Consumption/ Gross Square Foot (1975-1979)
Fort Meade	373,926	Presidio of San Francisco	18.3
Fort Wainwright	288,118	Fort Devens	14.0
Fort Greely	274,683	Fort Meade	13.5
Oakdale Support Cent	er 254,476	Fort Riley	13.3
Fort Bragg	251,792	Fort Stewart	12.4
Yakima Firing Center	237,440	Fort McPherson	8.7
Fort Campbell	234,117	Fort Indiantown Gap	1.2
Fort Riley	211,880	Fort Campbell	0.1
Presidio of San Franc	cisco 202,982	Fort Ord	0
Fort Carson	198,062	Fort Sheridan	-0.3
Fort Richardson	195,269	Fort Polk	-1.9
Fort Stewart	192,135	Yakima Firing Center	-4.2
Fort Sheridan	190,363	Fort Sam Houston	-4.8
Fort Devens	188,194	Oakdale Support Center	-7.4
Fort Hood	186,596	Fort Bragg	-8.1
Fort Sam Houston	174,796	Fort Greely	-14.8
Fort Lewis	170,773	Fort Lewis	-15.2
Fort Ord	161,152	Fort Hood	-17.9
Fort Polk	156,864	Fort Carson	-21.2
Fort Drum	124,848	Fort Richardson	-24.3
Fort Lawton	95,243	Fort Wainwright	-28.0
Fort McPherson	86,120	Vancouver Barracks	-28.7
Fort Indiantown Gap	83,579	Fort Lawton	-33.2
Fort McCoy	60,100	Fort McCoy	-35.8
Vancouver Barracks	57,650	Fort Drum	-49.4

Table 28

Installation Real Property Inventory (GSF)/ Installation Percent Deviation

Effective Population (1979)

(1979)

Real Property Inventory (GSF)/

Effective Population (1975-1979)

Vancouver Barracks	7.39	Fort Sheridan	117.3
Fort McCoy	3.65	Fort Drum	86.6
Fort McPherson	3.08	Fort Polk	71.6
Fort Indiantown Gap	2.42	Fort McCoy	67.2
Fort Lawton	2.33	Fort Indiantown Gap	50.9
Yakima Firing Center	1.59	Fort Lewis	40.3
Fort Sheridan	1.29	Fort Lawton	36,6
Oakdale Support Center	1.16	Fort Carson	30,3
Fort Drum	1.09	Fort McPherson	24,3
Presidio of San Francisco	0,90	Fort Riley	22,6
Fort Wainwright	0.82	Fort Hood	17.3
Fort Greely	0.81	Fort Ord	11.3
Fort Lewis	0.78	Fort Campbell	10.3
Fort Polk	0.72	Fort Bragg	9.0
Fort Riley	0.71	Fort Stewart	4.0
Fort Ord	0.64	Presidio of San Francisco	-1.4
Fort Devens	0.64	Oakdale Support Center	-2.7
Fort Richardson	0.63	Fort Meade	-4.4
Fort Bragg	0.62	Fort Wainwright	-11.4
Fort Sam Houston	0.61	Fort Greely	-12.3
Fort Carson	0.55	Fort Devens	-17.1
Fort Campbell	0.48	Fort Richardson	-18.5
Fort Hood	0.46	Vancouver Barracks	-20.9
Fort Stewart	0.44	Fort Sam Houston	-26.8
Fort Meade	0.41	Yakima Firing Center	-46.4

Table 29

	lectricity Consumption, on of Air Conditioning (1979)	Electr Ton of	cent Deviation ricity Consumption, Air Conditioning (1975-1979)
Fort Lewis	1,084.3	Fort Indiantown Gap	25.5
Fort Lawton	929.7	Fort McPherson	5.5
Fort Ord	775.1	Fort Riley	4.2
Fort Drum	640.3	Fort Stewart	3.7
Fort Meade	313.8	Presidio of San Francisco	-3.3
Fort Indiantown Gap	224.4	Fort Lawton	-7.5
Fort Devens	216.2	Oakdale Support Center	~11.9
Presidio of San Franc	isco 214.9	Fort Polk	-13,2
Fort Richardson	200.1	Fort Meade	~13.9
Fort McCoy	198.4	Fort Bragg	-14.1
Fort Carson	169.2	Fort Sam Houston	~16.8
Fort Bragg	141.6	Fort Ord	-18.5
Fort Sheridan	125.8	Fort Devens	~24.0
Oakdale Support Cente	r 120.2	Fort Hood	~25.0
Fort Riley	118.7	Fort Carson	~25.5
Fort Campbell	104.7	Fort Drum	-25.9
Fort McPherson	95.9	Fort Richardson	~30.7
Fort Stewart	81.1	Fort Sheridan	-34.4
Fort Sam Houston	79.0	Fort Campbell	-49.1
Fort Hood	72.6	Fort Wainwright	-61.6
Fort Polk	58.8	Fort McCoy	-68.1
Fort Wainwright	20.2	Fort Lewis	-73.2
Fort Greely	-	Fort Greely	- 1
Vancouver Barracks	-	Vancouver Barracks	-
Yakima Firing Center		Yakima Firing Center	- 1

Table 30

Installation

Electricity Consumption/ Resident Population (1979)

Installation

Percent Deviation Electricity Consumption/ Resident Population (1975-1979)

Fort McPherson	469.3	Fort Sheridan	167.6
Yakima Firing Center	314.8	Fort Polk	157.7
Oakdale Support Center	204.4	Fort Indiantown Gap	125.7
Fort Lawton	168.2	Fort Riley	86.8
Vancouver Barracks	167.6	Fort McCoy	59.8
Fort Meade	166.7	Fort Meade	44.5
Fort Indiantown Gap	142.6	Fort Lewis	35.8
Fort Sheridan	134.3	Fort Stewart	31.7
Fort McCoy	104.4	Fort Campbell	29.0
Presidio of San Francisco	101.3	Fort McPherson	28.8
Fort Sam Houston	97.6	Fort Ord	22.2
Fort Bragg	87.5	Fort Lawton	19.3
Fort Polk	82.2	Fort Devens	15.9
Fort Riley	81.9	Fort Bragg	13.9
Fort Drum	69.9	Fort Carson	8.7
Fort Lewis	66.5	Presidio of San Francisco	8.3
Fort Stewart	65.1	Fort Hood	-0.5
Fort Campbell	62.9	Yakima Firing Center	-8.5
Fort Hood	58.0	Fort Drum	-8.9
Fort Carson	53.2	Oakdale Support Center	-23.7
Fort Ord	49.7	Fort Richardson	-27.4
Fort Devens	47.7	Fort Sam Houston	-29.7
Fort Greely	24.8	Vancouver Barracks	-34.3
Fort Richardson	5.0	Fort Greely	-45.1
Fort Wainwright	0.4	Fort Wainwright	-86.1

Table 31

Installation	Energy Consumption/ Effective Population (1979)		Percent Deviation Energy Consumption/ Effective Population (1975-1979)
Vancouver Barracks	426.3	Fort Sheridan	116.8
Yakima Firing Center	377.5	Fort Polk	68.2
Oakdale Support Center	294.0	Fort Indiantown Gap	52.7
Fort McPherson	265.3	Fort Riley	38.9
Fort Sheridan	245.1	Fort McPherson	35.1
Fort Wainwright	235.4	Fort Lewis	19.0
Fort Lawton	221.8	Fort Stewart	16.9
Fort Greely	221.6	Presidio of San Franci	isco 16.6
Fort McCoy	219.3	Fort Ord	11.4
Fort Indiantown Gap	202.5	Fort Campbell	10.4
Presidio of San Franci	sco 183.2	Fort Meade	8.5
Fort Bragg	155.1	Fort McCoy	7.4
Fort Meade	151.9	Fort Carson	2.7
Fort Riley	150.2	Fort Bragg	0.2
Fort Drum	135.8	Fort Hood	-3.7
Fort Lewis	133.9	Fort Drum	-5.6
Fort Richardson	122.2	Fort Devens	-5.6
Fort Devens	121.2	Fort Lawton	-8.6
Fort Polk	112.4	Oakdale Support Center	-10.0
Fort Campbell	112.1	Fort Greely	-25.3
Fort Carson	109.6	Fort Sam Houston	-30.3
Fort Sam Houston	107.1	Fort Wainwright	-36.2
Fort Ord	102.4	Fort Richardson	-38.3
Fort Hood	86.1	Vancouver Barracks	-43.6
Fort Stewart	85.3	Yakima Firing Center	-48.6

Table 32

	101	RSCOM	
	Energy Consumption/ Population Served (1979)	Installation E	Percent Deviation Energy Consumptio Population Served (1975-1979)
Vancouver Barracks	399.5	Fort Sheridan	88.7
Yakima Firing Center	212.4	Fort Polk	60.0
Fort Lawton	206.5	Fort Riley	37.2
Fort Wainwright	189.5	Fort McPherson	36.0
Fort Greely	170.3	Fort Indiantown Gap	27.8
Oakdale Support Center	r 154.3	Presidio of San Francis	co 23.2
Fort Sheridan	145.4	Fort Campbell	11.8
Fort Bragg	134.1	Fort Stewart	9.5
Fort McCoy	132.4	Fort Carson	8.7
Presidio of•San Franci	lsco 130.2	Fort Ord	3.9
Fort Riley	121.0	Fort Bragg	-0.5
Fort Indiantown Gap	113.8	Fort Meade	-2.4
Fort McPherson	110.0	Oakdale Support Center	-3.1
Fort Campbell	100.7	Fort Hood	-3,2
Fort Drum	96.4	Fort McCoy	-6.8
Fort Lewis	96.4	Fort Lewis	-8.3
Fort Devens	91.4	Fort Lawton	-8.7
Fort Meade	90.0	Vancouver Barracks	-9.7
Fort Richardson	87.1	Fort Drum	-17.0
Fort Polk	86.1	Fort Devens	-19.5
Fort Ord	83.4	Fort Sam Houston	-25.8
Fort Sam Houston	72.1	Fort Greely	-36.1
Fort Carson	70.4	Fort Wainwright	-44.3
Fort Hood	64.4	Fort Richardson	-46.4
Fort Stewart	62.0	Yakima Firing Center	-63.8

Table 33

MAJOR COMMAND, FIFTY UNITED STATES, AND ARMY-WIDE DATA

In this section are presented summary data in the form of tables and graphs for each Major Command, the fifty United States, and Army-Wide. The tables include all data elements for FY 1975 to FY 1979, except for Army-wide population data and Real Property Inventory categories for each Major Command and the United States. The graphs depict percentage deviations from the base year for such data elements as: Total Energy Consumption, Thermal Energy Consumption, Electrical Energy Consumption, Active Real Property Inventory, BTU/GSF, Installed Air Conditioning Capacity, and Effective Population.

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION ARMY WIDE

			-	-	-	-	-	-
	200	,	,		1	-	\ \ \ \	
	120	e.	78	<i>"</i>	P.		P	
Energy Consumption & PD	WBTU	215,248,000	201,430,000 1 - 6.41	19.8 -1 000,074,702	1 207,443,000	- 3.61 2	03,279,000	9.5 - 1
Thermal En Come & PD	MBTU	133,259,000	120,288,000 (- 9.7)	123,474,000 1-7.31	121.545,000 (-	8.81	16,952,000	12.2
Electrical En Cone & PO	MBTU	81,989,000	81,142,000 (- 1.0)	83,996,000 1 2,4 1	1 000,898,88	18.7	86.327.000	5.3
Readers Population & PD	PEOPLE		~ ,	_	-	-		-
Non-Readers Population B PD	PEOPLE		-	-	-	-		-
Population Served** & PD	PEOPLE	1.840.326	1,858,114 (1,0)	1,821,787 (- 1,0)	1.851.195 (0.61	1.894.741	3.0
EMecuve Population*** & PD	PEOPLE		-	-		-		-
En Consumption/Pop Served & PD	MBTUICAP	117.0	108.4 1-7.33	113.9 1- 2.61	112.1	- 4.23	107.3	£.8
En Consumption/Eff Pap & PD	MBTUICAP		-		-	-		-
Electric En Consumption/Plesident Population	MBTUICAP		_		-	-		1
Installed As Cond Capacity & PD	TONS	464.902	510,788 (9,9)	556,208 (19.6)	568.776	22.31	598,130	28.7
Elec Energy/Ton of Air Cond & PD	MBTU/TON	176.4	158.9 (- 9.91	151.0	151.0	1-14.41	144.3	-18.3
Real Property Inventory (RPI) & PD	KSF	992,825	992,843 1 0,01	992,084 (- 0.1)	1,012,794	2.01	1,033,405	4.1
RPIVE Mective Population	KSF/CAP		_	_		-		-
Energy Consumption/GSF fr PD	BTUIGSF	216,803,6	202,882,0 1 - 6.41	209,125.4 (- 3.5)	204,822.5 1-	- 5.51	196,708.0	€.6 -
Themsel En Consumption/GSF & PD	ATU/GSF	134,222.0	121,155,1 (- 9,7)	124,459.2 1- 7,31	9.600	-10.61	113,171.5	-15.7
Electrical En Consumption/GSF & PD	Sp.O.	82.581.5	81,726.9 (- 1.0)	-	0.	2.71	83,536.5	1.2
RPI by Category	KSF							X X
Transing	KSF	39,236	38,652	40,015	39,976		41,385	
Mantenance & Production	KSF	79,037	78,904	80,058	81,225		80,712	-
Research, Development & Teating	KSF	13.281	13.281	12,912	12,753	_	11,964	
Storage	KSF	168,240	166,719	39,150	47,868	_	52,951	
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE .	127,521	129,324		129,614	
Hospital & Medical	KSF	24.450	24,712	24,815	26,639		26,477	
Administration	KSF	57,399	62.270	59,447	59,342		60,163	
Bechelor Housing	4SF	202,107	200, 534	195,613	195,854		200,503	
Community Facilities	KSF	83.124	82,793	85,538	86,875		87,654	
Farmery Houseing	KSF	225.87;	224_675	234,107	235,354		247,521	
Operational Buildings	KSF	25.060	22,125	25,682	22,652		23,071	
Unitery Buildings	KSF	11, 708	10.754	10,332	10,328	- 	10,867	
Other	KSF	Not Available BASE	3.902	6,174	548, 2	-	978 7	
		seed mod occupant transmit to Ct.	a bayan contaband	Desiration of the Part of the	0 33000		2 hr - Dan dans	

**Population data is not available trom other categories or correlations are shown for those elements.

U.S. Amy - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION Fifty United States-Summary

•	UNITS/FY	ĸ	R	n	R	R
Energy Consumption fo PO	MBTU	155,206,966	143,720,494 1 - 7,41	147,365,491 (- 5,11	147,013,894 1 - 5.31	142,829,065 (- 8.0)
Thermal En Cons & PO	MBTU	94.657.905	83.229.604 (-12.1)	84.927.674 1-10.31	82,718,103 (-12.6)	78 258 416 (-17.3)
•	MBTU	190.549.061	11.0 - 1 068.065.09	62,437,817 (3,11)	1 162 566	
•	PEOPLE	672,548	654.267 1 - 2.71	672,091 1 0.01	656	999
٤	PEOPLE	528,053	539,606 1 2,21	529,968 (0.41		546.881 (3.5)
	PEOPLE	1,200,481	1,193,873 4 - 0.51	1.202.059 (0.11	1.194.209 1 - 0.51	
2	PEOPLE	848,446	834,135 (-1,7)	848,747	74] (-	10.0 1 22.658
5	MBTUCAP	129.3	4 1 - 6	122.6 1-	123.1 1 - 4	
	MBTUCAP	182.9	172.3 1 - 5.81	173.6 1- 5.11	- 5	168.2 1- 8.11
ent Population	MBTUCAP	0.06	92.5 1 2.71	92.9 (3.2)	97.9 1 8.81	95.8 1 7.51
	TONS	435,256	480,469 1 10,41	525,655 (20,7)	-	575 595 1 32.21
Sec Energy/Ton of Asr Cond & PD	MBTUTON	139.1	125.9 (- 9.51	118.8 1-14.61	118.2 1 -15.01	112.2 (-19.4)
_	KSF	662,663	19.0 1 062,999	660,062 1-0,41	15.0 1 060.999	678.869 (2.41
	KSFICAP	0.78	0.801 2.31	.781 - 0.	0.80	0.80(2.31
5	BTUIGSF	234,217	215,541 (- 8.0)	223,260 1- 4,71	220,712 1 - 5.81	210, 393 (-10, 2)
hermal En Consumption/GSF is PD	BTU/GSF-	142,845	124,821 (-12.6)	128,666 1-9.91	124,185 (-13,1)	115,278 (-19,3)
5	8TU/GSF	91,372	11.0 - 1 - 0.71	94594 1 3.51	96.527 1 5.61	95,115 (4.1)
1Pl by Celegory	KSF					
-	KSF					
Mammance & Production	KSF					
Research, Development & Testing	KSF					
Storage	KSF					
Other Covered Stange	KSF	Not Available Separately-Included Above	BASE			
Hospital & Medical	KSF					
Administration	KSF					
Bachelor Housing	KSF					
3	KSF					
Farmity Housing	KSF					
guós	KSF					
Unitry Buildings	KSF					
		Not Available BASE				
		*PD as Percent Deviation from Base Year		"Population Served is the total Resident & Non-Besident Proude	non	10 Non-Beardane

REMARK

U.S. Amy - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION

MACOM DARCOM

•						1
	UNITS/FY	ĸ	2		#2	
1. Energy Consumption & PD	MBTU	58.271,152	47,656,714 1-18.21	45,921,678 (-21.2)	45,071,802 (-22.6)	Ţ
2. Thermel En Cone & PO	MBTU	39, 023, 570	29.958.877 (-23.2)	29,485,960 1-24,41	28.858.442 1.26.0	27
3. Electrical En Corre & PD	MBTU	19 247 582		16,435,718	16,213,360 (-15,8)	16
4. Resident Population & PD	PEOPLE	42 789	37 902 1 -11 41	42 749 (-0.1)	1 2.219 (-15.21	
5. Non-Resident Population & PO	PEOPLE	508 671	148 880 1 - 0 71	139 728 - 1- 6.81	151,127 (0.9)	
6. Population Served** & PD	PEOPLE	192 684	-	182 477 (= 5.3)	187.456 (- 2.7)	
7. Effective Population*** B PD	PEOPLE	92 754	87.528 (- 5.6)	89,325 (- 3.7)	1 9 9 7 1 29 98	
B. En Contemption/Pop Served & PD	MBTU/CAP	302.4	255.1 (=15.6)	251.7 (-16.8)	(5 02-) 5 072	L
9. En Contemption Eff Pop & PO	MBTUCAP	628.2	tr E1-1 5 775	514.1 (-18.2)	1 6 217, 6 005	
10. Pectric En Com implion/Nasident Population	MBTUCAP	8.655	-	384.5 (-14.5)	6'955	L
15 Installed At Co d Capacity & PO	TONS	109, 350	1 1	130 248 (19.1)	132.347 (21.0)	
12. Blec Energy/Ton of Air Cond & PO	MBTUTON	176.0	7 1.	126 2 1-28 31	1 7 057 5 221	
13. Real Property in enercy 60% & PD	KSF	198.053	-	186 252 (- 6.01	6 1 3 9 IE 761	
14. RPVEffective Population	KSFICAP	2.14	.241	60	0 5 , 76 6	
15. Energy Consumption/GSF & PO	8TU/GSF	294,220	243,001 (-17.4)	246,557 (-16.2)	1.12- 003.282	
16. Thermal En Con ungation/GSF to PO	BTUGSF	197,036	152,760 (-22.5)	158,312 (-19.7)	148,513 +24.6 1	
17. Electrical En Commempalan/GSF & PD	BTUKGSF	97,184	97,184 90,241 (-7.1) 88,245 (-9.2) 83,438 +14.1	88,245 (- 9.2)	(1.71→ 8£4,€8	Ц
6 18. RPI by Catagory	KSF					V
	KSF					
Memberos & Production	KSF					
Research, Development & Testing	KSF					
Storage	KSF					
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE BASE			
Hospital & Medical	KSF					
Administration	KSF					
Bechalor Housing	KSF					
Community Facilities	KSF					
Family Housing	KSF					
Operational Buildings	KSF					
Unility Buildings	KSF					
Other	KSF	Not Available BASE				
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142,825 142,825 143,825 115,00 115,00 122,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,905 127,9

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**Population Served is the total Resident & Non-Resident Population

***Eff Pop is Resident + 1/3 Non-Res

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Finispy Consumption & PD	
##TU 45.881.505 45.594.344 (0.0 1) ##TU 26.834.241 26.532.586 (1-2.2 1) ##TU 18.494 19.61 19.361.758 (1.3 1) ##TU 18.494 19.61 19.361.758 (1.3 1) ##TU 18.4964 17.2544 (4.6 1) ##TU 18.4964 17.2644 17.2644 17.2644 (4.6 1) ##TU 18.4964 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.2644 17.264	R R
WHITH 26,834,241 26,232,586 1-2,2 1	594,344 1 0.
### Property 18,747,264 19,361,758 (3,3,1) ### Property 12,45 308,619 1-2,8 1 ### Property 12,464 172,544 1,46 1 ### Property 12,23 1,63 1,63 1,63 1 ### Property 12,23 1,63 1,63 1,63 1,63 1,63 1,63 1,63 1,6	232,586 (-2.2) 26,267,303 (-2.1) 25,339,543 (-5.6) 24,698,366 +
PEOPLE 317,645 308,619 1-2	361,758 (3,3) 21,022,839 (12,1) 22,417,108 (19,6) 22,
## Property 164,964 172,544 14 14 15 15 15 15 15	-1 619
### PT PEOPLE	1 4.6 1 175.229 1 6.2 1 178,433 1 8.2 1
Production Product 372,633 366,134 (-1.1.	(-0.3 1) 492.888 (2.1 1) 497,682 (3.1 1)
Fig. Served 8 PD MBTUICAP 94,4 94,8 1 0 MBTUICAP 122 3 124,5 1 MBTUICAP 122 3 124,5 1 MBTUICAP 122 3 124,5 1 MBTUICAP 132 3 124,5 1 MBTUICAP 109,49 12,2 16,8 MBTUICAP 109,49 12,8 12,8 MBTUICAP 122,752 200,429 1-3,8 MBTUICAP 122,752 13,8 13,8 MBTUICAP 122,753 13,8 13,8 MBTUICAP 122,753 13,8 13,8 MBTUICAP 122,753 13,8 1-0,8 MBTUICAP 122,753 13,8 1-0,8 MBTUICAP 122,753 13,8 MBTUICAP 122,753 123,8 MBTUICAP 122,753 13,8	1-1.7 1
MeTuCup 122 3 124 5 1 1	.8 1 0.3 1 95.9 (1.6) 96.0 (1.6) 93.7 +
Miles Mile	5 (1.8)
1 Colorativ & Pro 1045 1109, 441 1128, 393 112	-
MATUTION 171, 1 150, 8 112	393 (17.3) 147.8
Kish	8 112.0 1
New York	427 (4.0) 230,670 (5.5) 231,075
### Production ### Pr	0.62 (5.1 1)
### ### ### ### ### ### ### ### ### ##	200,479 1-3.
Structory Stru	345 1-6.
Kingstranger & Teaching Kingst	85,134 (-0,7 1] 91,138 (6,3 1] 97,012 (13,1 1/1 91,623 (6.8)
KSF Development & Tearrog KSF Not Aveilable Separately Included Above KSF Not Aveilable Separately Included Above KSF Not Fecalises KSF KSF KSF KSF KSF KSF KSF KS	
KSF	
KSF KSF Net Available Separately-Included Above KSF	
KSF Not Available Separately-Included Above KSF Not Available Separately-Included Above KSF KSF KSF KSF KSF KSF KSF KSF	
KSF Not Available Superview Included Above KSF	
Other KSF Not Available BASE	BASE

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٤	UNITS/FY	9	R	1	R	æ
2		18 108 689	37,749,054 1- 0.91	40,807,061 (7.1)		156,943
		27 761 770	21 000 552 1- 5.71	23,005,658 (3,3)	22 346,589 1 0.4	20.353.672 - 8.6
	Motor	7 7	16 748 502 1 5.71	17,801,403 (12.3)	17.986.471 13.5	17,803,271
1	200		نــا		232, 169 (- 6, 2)	232, 703 L S
	200	474747	[17.2 480 (2.0 1	140 112 (0.3	131.527 - 5.8
e.	TOUR L	139,033	-	-	372.281 (- 3.8)	364, 230 4, 5, 9
_	3	750,4786	1	-	873 (2.5	276 548 1-5.
	FOPE.	293,967	3		100	8 701
B. En Committation/Pop Served for PD	MBTUCAP	98.5	<u>.</u>	- - - -]-	0 00.1
L	MBTUCAP	129.6	-1 5	1	<u> </u>	7.057
nt Proudellon	METUCAP	64.0	68,4 (6.91	2	7	7-87
٠.	TONS	158.001	171 536 1 8.61	180, 782 14, 4	7	194 142
_	METUTON	100 3	97.6 (- 2.7)	98.5 (-1.8)	96.3 (- 4.0)	91.7
	,	190 67	177 813 (- 1.61)	181,718 (0.6 1	175.997 1-2.6	179 226 6 0.8
	KSEICAB	19 0	719	0.62	0.63(3.5)	0.65
	DATE OF THE OWNER, THE	210.087	Ĺ	224.561 (6.4)	229,169 1,8,6	212,898 (0,9
	and the second	103 7/0	-	126.601 (2.7)	971	113,564 1-7
	2	67454	-	97.962 (11.7)	-	99,334 (13
THE PROPERTY OF THE PARTY OF TH	2000	XXXXXXXXXXX		X		
	*		XXXXXXXXXXX	***		
Treating	,					
Menterage & Production KSF	34					
Asserch, Development & Teating KSF	12					
•	,,					
Served Storage		Not Available Separately Included Above	BASE			
Team is Marked						
	*					
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. 4	130					
	130					
	SS					
	KSF					
•		Not Available BASE				
		"PD is Percent Deviation from Base Year		**Population Served is the total Resident & Non-Resident Population	secon ""Eff Pap is Resident + 1/3 Non-Resident	+ 1/3 Non-Negident

- INSTALLATION
1
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Interpretation of the property of the proper		UNITS/FY	ĸ	R	2	R	æ	
	1 Energy Consumption 5 PD	MB7∪	1.696.677	.699 (-1.	1,722,275 (1.5)	769	1,757,	1 3.6 1
	2 Thermal En Cone to PO	Metu	888 806	1-1	669	.567 (-18.	_	1-6.8
Figure Properties Propert	3 Flactrical for Cons & PD	Metu	807 871		576	127 (12.	_	15.0
Figure Project Proje	4 Associant Population & PO	FOPLE	13.551	875 1 -4	183	-	17,	(31.2
Figure Sending Sendi	5 Non-Resident Population & PD	PEOPLE	6 305	-	877	1 22	_	126.3
Final Procession Final Procession Fig. 19 Fig. 1	6 Population Served** 6 PD	PEOPLE	10 036	417 1 -2	-	20.161 ' 1.1	25.844	1 29.6
Section Communication Section	7 Effective Population*** & FD	FORE	15, 673	055 (-3	1-5.	932 1-4.	_	1 30.5
December Part Par	8 En Consumption/Pag Served & PD	MBTUCAP	1	ر د	85.9 (0.	80.9 (-5.	_	770.7
Detact En Commentation National Natio	9 En Consumption/Eff Pop to PO	MBTUCAP	108.3	,	۔ ~	2 1 0		420.6
1	10 Electric En Consumption/Passidant Provincian	MBTUICAP	2 05	,	7	9		112.3
12 12 12 12 12 12 12 12	11 Installed As Cond Capacity & PD	TONS	17	451 (5	117	1 14.	7	122.0
13 main Property Investigate 12 main Property Investigate 13 main Property Investigate	12 Elec Engravillan of Air Cored & PD	MBTUTON	∤~	2	9	7		£ 5.7
Stringle Production RSFCAP 186,735 181,084 1.32 1214,11 1.2,9 182,038 1.2,5 191,041 Stringle Communication RSFCAP 186,735 181,084 1.3,10 192,111 1.2,9 182,038 1.2,5 191,041 Stringle Communication RSF 88,914 94,275 6,0 101,124 101,264 13,9 100,495 Stringle Communication RSF Not Available Superach Included Above BASE Not Available RSF Not Available BASE Not Available RSF	13 Real Property Inventory (MR & PO	KSF	19	204	965	958 (-1.	6 1	(1.3
Straight Communication Straight Communicat	14 RP/Effective Passistan	KSF/CAP	0.58		0.61	-		+22.4
14 Thermatics 15 CanaumpaurioSS 15 Pro 15 15 Pro 15 Pr	15 Energy Companyation/GSF & PD	BTU/GSF	186.735	780	111	-	191	(2.3
1) Electrical En Communication (SS	18. Thermal En Company Span (GSF & PD)	8TU/GSF	97,821		اد		1	€ 7.9
Herenand Francisco KSF Francisco KSF Francisco	17 Electrical En Consumption/GSF to PD	BTUGSF	•	94,275 (6,01	1_	,264 (13,	1	13.6
Havenance & Production KSF Research Development & Testing Sorage Other Covered Storage Administration Bechalter Housing Community Facilities Community Facilities KSF KSF Community Facilities KSF		KSF					****	$\overset{\diamond}{lpha}$
Newdopman 6 Testing KSF	Transing	KSF						
K.SF	Manuerance & Production	KSF						
K.SF Not Available Septementy-Included Above K.SF K.SF K.SF K.SF K.SF K.SF K.SF K.SF K.SF	Remarch, Development & Teating	KSF						
K.SF Not Available Septement Included Abova K.SF K.SF K.SF K.SF K.SF K.SF K.SF K.SF	Storage	KSF						
KSF KSF KSF KSF KSF KSF KSF KSF KSF KSF	Other Covered Storage	KSF	Not Available Separately-Included Abov					
K.SF K.SF K.SF K.SF K.SF K.SF K.SF K.SF	Hospital & Medical	KSF						
King KSF KSF KSF KSF KSF KSF KSF KSF	Administration	KSF						
KSF	Bechelor Housing	*S*						
denge K.SF KSF Not Aveleble K.SF Not Aveleble	Community Facilities	KSF						
KSF KSF KSF KSF KSF	Fernaly Housing	KSF						
KSF Not Available	Operational Buildings	KSF						
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	Other	KSF						

REMARKS

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUM	PTION - INSTALLATION			MACOM HSC					
	-	~			1 1	-		1. 1	1 - 1 -	
	UNITS/FY	ję.	æ		r		R		R	
1 Energy Consumption & PD	MBTU	3.754.325	3,926,898	9.7	4,234,415	12,81	4,745,600	1 26.41	4,989,818	(32.91
2 Thermat En Con 16 PO	MBTU		2.171.303 (-2	1-2.0	2.212.734	1-0.1	2,414,963	10.6 1	2,409,792	18,81
3 Electrical for Co a for PO	MBTU	1 538 457	1 71, 565 552 1	-	2,021,681	1 31.4	2,330,637	(51.5)	2,580,026	1 67.71
4. Resident Population & PD	PEOPLE	671.5	405	1 7 5	3.334	(-35.2)	5.203	1.01	5.825	(13.1)
5 Non-Resident Pt Tubelon & PD	PEOPLE	11,862		- 6	13, 781	16.21	12.317	1 3.81	11.981	1,01
6. Population Serv. d** fe PD	PEOPLE	17.011	-	2.1 1	17,115	(9.0)	17.520	1 3.01	17,806	(1,4,7)
7 Effective Population*** 6 PD	PEOPLE	9-104	8.728	1 -4-1	7.928	(-12,9)	9.308	1 2,21	618.6	16.7
8. En Consumption/Pop Served & PO	MBTUCAP	220.7	226.0	2.4	247.4	(12.1)	ė.	1 22,71	280,2	1 27.01
9 En Consumption/Eff Pop & PD	MBTUCAP	412.4	-	- 6	534.1	1 29.51	509.8	-	508.2	(23.2)
10 Electric En Consumption/Resident Population	MBTUKAP	298.8		133.4	4.909	1 102.91	6.744	-	442.9	48.2
11 Installed Air Cond Capacity & PD	TONS	77 928	1	7 7 7	27 111	18.21	24.452	1 6.61	24.099	1 5.1
12. Elec Energy/Ton of Air Cond B PD	MBTUTON	67.1	_	138 2 1	74.6	1 1 1		10.621	107.1	1 59.61
13 Rest Property Inventory (RPI) & PD	KSF	7.542	7.515	7 7	7.298	1- 3.21	9.390	1 24.5 1	10.090	133.81
14. PPI/Effective Population	KSFICAP	0.83	1 98 0	3.9	0.92	11.11	10.1	1 21.8 1	1.03	1 24.01
15. Energy Consumption/GSF & PD	BTUGSF	497, 789	-	5.0 1	580.216	1 16.6	505.389	1.51	494.531	1-0-1
16. Thermal En Consumption/GSF & PO	BTU/GSF	293_804	1-1 628.882	1. 7.1	303,197	1 3.21	257.185	(-12.5)	238.830	1-18.71
17 Electrical En Consumption/GSF & PD	BTUGSF	203 985		4.5.1	277 018	18.25 1		(21,71	255 701	1 25 41
18, RPI by Category	¥SF			$\overset{\times}{\times}$	$\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}$	X	$\overset{\times}{\otimes}$	\times	****	$\stackrel{\times}{\sim}$
Transag	KSF									
Mentenance & Production	KSF									
Research, Development & Testing	KSF									
Storage	KSF									
Other Covered Storage	KSF	Not Available Separately Included Above		BASE						
Hospital B Medical	KSF									
Administration	KSF									
Bachelor Housing	KSF									
Community Facilities	KSF									
Family Housing	KSF									
Operational Buildings	*S*									
Unitry Buildings	KSF									
Other	KSF	Not Available BASE								

***Eff Pop is Resident + 1/3 Non-Resident **Population Served is the total Resident & Non-Resident Population Not Available BASE | *PD is Percent Deviation from Base Year

REMARKS

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION

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				1 1	1 1		1	1. 1	
	UNITS/FY	Æ	æ	u		R		æ	
1. Energy Contumption & PD	Meto	526.612	521,118 (-1.0)	511.096	1 -2.91	∞	1 7,11		1-3.9
2. Thermal En Cons & PD	MBTU	227, 302	217,042 1 -4.5	209,978	1 -7.61	269,778	18.71	203,462	+10.5 -
3. Electrical En Cone & PD	MBTU	299, 310	304,076 ' 1,6	301,118	1 0.61	294,090	1-1.71	302,768	1.2 1
4. Newident Population & PD	PEOPLE	1 611	1.557 (-3.4	1.417	1-12.01	1.245	1-22.71	1,320	L18.1
5. Non-Resident Population & PD	PEOPLE	078 t	3,439 (-10,4)	2,977	1-22.51	2,780	1-27.6	3.1	417.6 1
6. Population Served** & PD	PEOPLE	5 451	18-1, 966.7	4.394	1-767-1	4.025	1-26.2 1	4.4	L17.7 1
2. Effective Population*** 8 PD	PEOPLE	7.891		2,410	1-16.61	2,172	1-24.91	2,374	L17.9 1
8. En Consumption/Pop Served B PD	MBTUCAP	9 96	104.3 (8.0	116,3	1 20.41	140.1	1 45.01	112.9	(16.9)
9. En ConsumptionEff Pop & PO	MBTUCAP	182.2	192.8 (5.8	212.1	(16.4)	259.6	1 42,51	213.2	(17.1)
10. Electric En Consumption/Resident Population	MBTUCAP	185.8	3 1 5.	212.5	14,41	236.2	(27, 1)	229.4	(23.5)
11. Installed Air Cond Capacity & PD	TONS	5, 408	5.387 1 -0.4	5,387	(- 0.4)	5.387	1-0-41	5.387	C 0 4 1
12. Size Energy/Ton of Air Cond & PO	MBTUTON	55.3	56.4 1 2.03	55.9	10.7	54.6	1-1.41	5.6.2	1.5.1
13. Asel Property Inventory (RPI) & PD	KSF	2 015	1 7 0 2 1 0 7	2.021	10.3	2.021	10.31	2.023	1 0.4 1
14. RPVEMersive Population	KSF/CAP	0.70	7 2 1 5 0	78.0	1 20.31	0.93	1 33 5 1	0.85	122.3.1
15. Energy Consumption/GSF & PO	BTUGSF	261.346	257.597 1-1.4	252.893	1-321	279 004	1891	250.232	1 6 7 1
16. Thermal En Consumption/GSF & PD	BTUGSF	112,805	16.7-1, 282 201	103.898	16 7 -1	133 487	1831	100 57	1 8 01
17. Electrical En Consumption/GSF & PD	BTUGSF	178 871	150 309 (1.2)	148 995	1 0.31	145,517	1-2.01	149,663	1 8 1
18. RPI by Caregory	KSF			$\times\!\!\times\!\!\times\!\!\times\!\!\times$	****	$\times\!\!\!\times\!\!\!\times\!\!\!\times$	$\stackrel{\wedge}{\sim}$	$\overset{\otimes}{\otimes}$	
Training	KSF								
Maintenance & Production	KSF								
Research, Development & Tessing	KSF								
Strage	KSF								
Other Covered Storage	KSF	Not Available Separately-included Above	We BASE						
Hospital & Medical	KSF								
Administration	KSF								
Bechelor Housing	KSF								
Community Facilities	KSF								
Fernity Housing	KSF								
Operational Buildings	KSF								
Unitry Buildings	KSF								
Obbe	KSF	Not Available BASE							
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中海県 治安地

U.S. ALMY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION PLANTITIARY ACADEMY, NY MACOM LISMA

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MBTUCAP SSS SS	neumption(Eff Pop & PO	MBTUICAP	154.5	3 1-7	-	0	129.5	1-16.1
TONE 13.15 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	c En Consumption/Resident Population	MBTUICAP	55.1	-	, 18	0 1-2	51.7	1.6.2
MARTINTON 118	ed Au Cond Capacity & PD	TONS	598.5	0''',	-	6,821 (27.1)	5.833	- 4
No. No.	negyffon of Air Cond & PO	MBTUTON	778 5	7 ,	, 9	c	ह 0 0	-23,4
No. of the color	roperty Inventory (RPI) & PD	KSF	10.219			028 '- 1		- 3.5
# Brudger 190, 591 186, 105 (- 2, 47 204, 960 (7, 5) 185, 289 (- 2, 81 175 and 828 erg # # # # # # # # # # # # # # # # # #	ective Population	KSFICAP		27 1 2	125 1 - 7 9 1	119-192	7.4	5
#TUNGSF 128,147 121,331 (-3.9) 131,312 (-2.3) 121,353 (-5.4) 131, 131, 131, 131, 131, 131, 131, 13	Consumption/GSF & PD	BTUGSF	1 _	- 7		1	•	1-7.5
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KSF 4.03 4.58 4.58 7.80 2.80 KSF 7.531 7.531 7.531 2.22 2.22 KSF 1.724 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.757 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 1.754 <	onel & Medical	KSF	771	144	144	157	336	
KSF	- Andreas	KSF	807	857	557	780	741	
KSF 1 950 1 989 1,754 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7	Major Mouseung	KSF	2 531	1	2 531	2.4.02	2 705	
KSF 1,097 3,345 1,145 3,125 3,3 Normal Buildings KSF 1,20 130 130 3,0 Buildings KSF 1,14 1,16 1,14 1,0 1,0 Buildings KSF 1,14 1,16 1,12 1,0 1,0	munity Facilities	KSF	0.56	1 959	1 989	1.754	1,754	
KSF 178 130 20 20 EVENT 18 130 150 150 150 150 150 150 150 150 150 15	dy Houseng	KSF	796.8	3 345	3 345	3 332	3.373	
Businings RSF 114 114 1167	reternal Buildings	KSF	821	130	130	0.5	207	
KSF New Average 8ASE	ly Buildings	KSF	771	114	114	167	107	
		KSF	Nor Available BASE	3.3	33	360	184	

*PD is Percent Devision from Base Year **** Population Served as the total Resident & Non Resident Population **** Eff Pop is N

U.S. Amy - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION VILLIARY DIST OF VASH, D.C. MACOM YOR

	UNITSIFY	r	2	2	£	R
1 Energy Consumption & PD	METU	1 182 371	1 107 525 1 - 6.31	1.169.548 (-1.1)	1.099.153 1 - 7.01	1.042.572 (-11.8)
2 Thermal En Come & PD	MBTU	543 868	12.81-1-010.122	502 906 1- 7.5 1	450.653 (-17.1)	417,029 (-23,3)
3. Electrical fin Cons & PD	DEBTU	157 819	1,1.7 1 515 799	666 642 (4.4)	648.500 (1.61	625.543 (- 2.0)
4. Readont Population & PD	PEOPLE	5 207	5 294 1 0 11	5 120 1-3.3	5 120 (- 3.31	5.455 (3.0)
5 Non-Resident Population & PO	PEOPLE	27 830	29 360 (5 51	79 360 1.5.5 7	29.360 1 5.51	29.350 1 5.5 1
6 Population Served** & PD	PEOPLE	33 125	19 5 1 759 71	34 480 1 4.11	34,480 1 4,11	34,815 (5,1)
7 Effective Population*** & PO	PEOPLE	14.574	15.081 13.51	14,907 (2,3)	14,907 (2,3)	15,242 (4,6)
8 En ConsumpopriPhp Served & PD	METUCAP	35.7	32.0 1-10.51	33.9 4- 5.03	31.9 1-10.71	29,9 (-16.1)
9 En Consumption Filt Pap to PO	MBTUCAP	81-1	73.4 1 - 9.51	78.5 (- 3.3 !	73.7 4 - 9.11	58.4 (-15.7)
10 Electric En Consumpsion/Resident Population	MBTUCAP	120.5	125.5 1 4.11	130.2 ' 8.0'	126.7 (5.11	114,7 (- 4,9)
11 Installed Air Cand Capacity & PO	TONS	790 6	9 166 1 111	9 166 1.11	6.166 (1.1)	8,115 (-10,5)
12 Elec Energy/Ton of Air Cand & PD	MBTUTON	20.4	72.5 1 2.91	72.7 1 3.31	1,500 1 8.02	1 5 5 1 T. 7 2
13 Real Property Inventory (NPS & PD	KSF	786 7	19.81 1 006.5	5 055	5,120 (2,81	4.625 1. 7.21
14 RPVEMectine Population	KSFICAP	72	30	194 (0.0)	34 (0.01	1 H 11-1 UE
15. Energy CommemorrowGSF fo PD	BTU/GS#	237 319	187, 716 1 -20, 91	231.365 (- 2.5)	214.678 (- 9.51	225 421 1- 5.01
16. Thermal En Con umpajoryGSF fo PO	BTU/GSF	109 167	75.086. (-31.21	16.8 -1 785.99	17,61-1 810,88	17.11-1 891.06
17 Electrical En Contemption/GSF to PD	BTUGSF	128 152	112 630 (-12.11	131 878 1 2.91	126.660 (- 1.2)	135,253 (5,5)

Transmit	KSF	007	364	380	380	3.4
Maintenance & Production	KSF	195	246-	290	290	3+5
Research, Devulopment & Testing	KSF	1				
Storage	KSK	\$20	412		č	8
Other Covered Storage	KSF	Not Available Separately included Above	BASE	418	418	266
Hospital & Medical	KSF	93	56	79	79	67
Administration	KSF	343	1.607	678	b7'6	929
Bachelor Housing	KSF	1.173	1,353	747	17.1	982
Community Excitings	KSF	857	890	1.494	1 404	788
Family Houseng	KSF	538	588	588	651	575
Operational Buildings	KSF	194	95	95	95	65
Unitry Buildings	KSF	129	220	220	220	24.6
Other	KSF	Not Available BASE				10
		A Person Omention of the Asset Value		"Population Served in the trust Resudent & Non Beautier: Prouds	+ Menutan a Graff Pro-	4 1/3 Man Beautiers

PENAMES Includes Cameron Station, VA., Ft Myer, VA., and FtMcNair, Washington, DC.

U.S. Amy - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION

MTMC

MACOM

1,251,718 (-16.21)
753,800 (-24.71)
497,918 (-0.91)
1,300 (-24.71)
5,021 (-11.71)
6,321 (-15.31)
2,974 (-5.31)
198.0 (-8.21)
420.9 (-11.71)
383.0 (-3.91)
2,109 (-11.71)
2,109 (-11.71)
383.0 (-3.91)
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3,311 (-30.01)
33,541 (-30.01)
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3 Electroad for Cone & PD

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5 Repulation & Population & PD

6 Population Street & PD

7 Electroad Consumption/Te & PD

8 En Consumption/Te & PD

8 En Consumption/Te & PD

9 En Consumption/Te & PD

10 Electro & Consumption/Religion Population

11 Installed As Cond Capacity & PD

12 Res Population

13 Res Population

14 RPICENERS Assumption/CSF & PD

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17 RPICENT & CONSUMPTION

17 RPICENT & CONSUMP

57

***Eff Pto is Resident + 1/3 Non-Au

** Population Served is the total Resident & Non-Resident

PD is Percent Devision from Base

ä

MACOM

COLD RECIONS RESEARCH FIG. U.S. Army - ANALYSIS OF ENERGY DINSUMPTION - INSTALLATION -

74, 604 17, 159 57, 46.5 797 MBTU
MBTU
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PROPLE
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TONS
MBTUCAP I finegy Consumption 6 PD
I harmal En Cont 6 PD
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Restreed Population 8 PD
Secretal Population 8 PD
Secretal Population 8 PD
Secretal Population 9 PD
Secretal PD
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14 RPIEMECHA POPURATION
15 Emergy Consumption/GSF & PO
16 Themset En Consumption/GSF & PO
17 Electrical En Consumption/GSF & PO E. F. Cornaumpanovičiř Pop če PD
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58

\$10.913 186.511

KSF.CAP BTUIGSF BTUIGSF BTUIGSF

168 501.1 161 1.68

287 287 96 341.1

7,11 7,11 6,71 25,31

1 34.21

65, 258 15,010 50, 248

1-10.8

72, 876 15, 304 57, 572 0

270.9 809.7

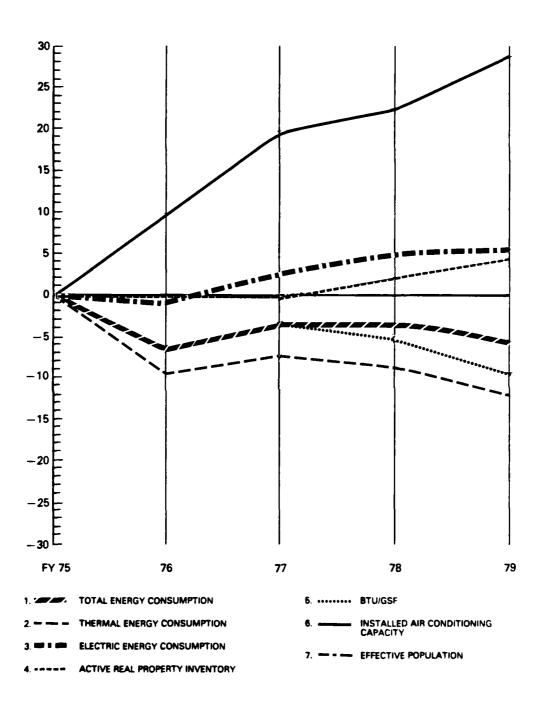
269 269 90

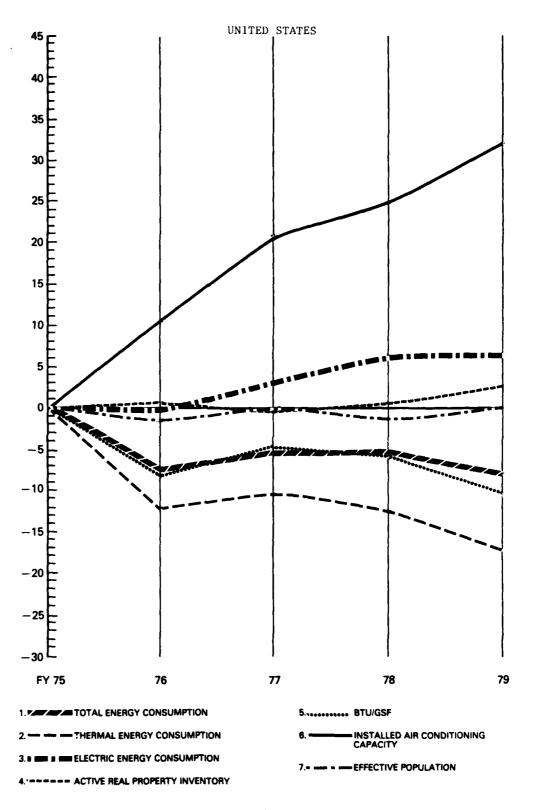
Transing
Mannenance & Production
Research, Development & Testing
Storage Bechelor Houang Communery Facilities Family Housing Operational B., dings Utilety Buildings Other Other Covered Storag Houpital & Medical

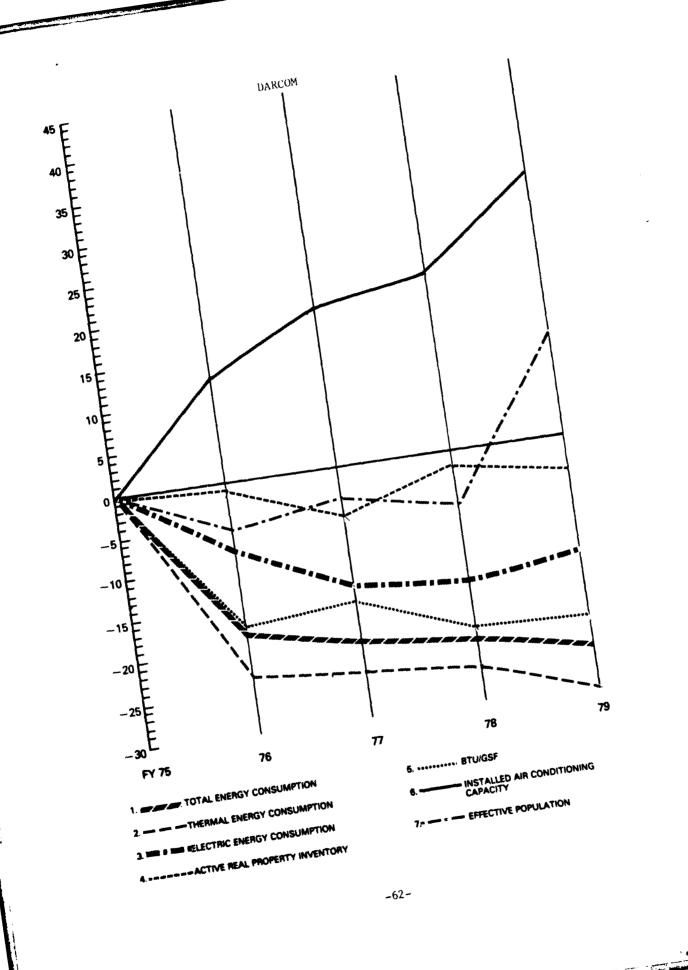
607.994 (-25.0) 85.124 (-54.4) 522.869 (-16.3) ***Eff Pop is Resident + 1/3 Non-Reside 128 **Population Served is the total Resident & Non-Resident Population BASE PD a Percent Deviation from Base Year Not Available Separately-Included Abov BASE

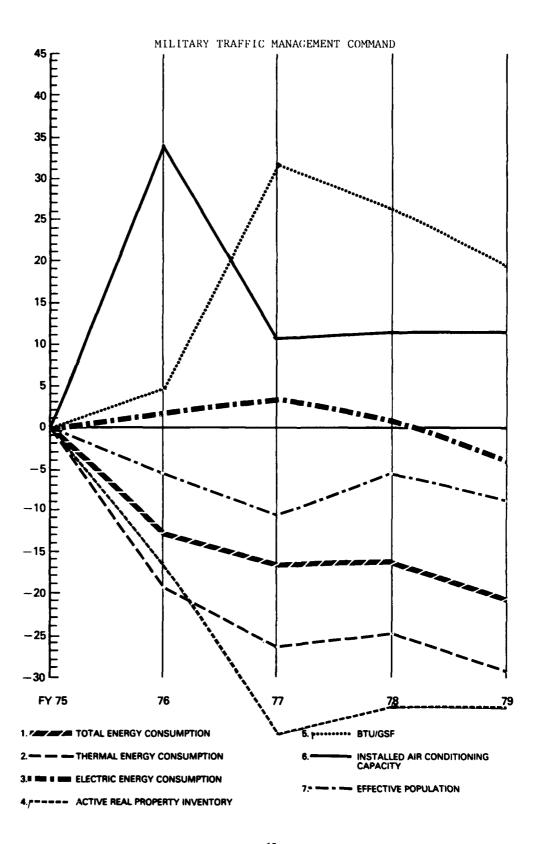
U.S. Am. - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION ____

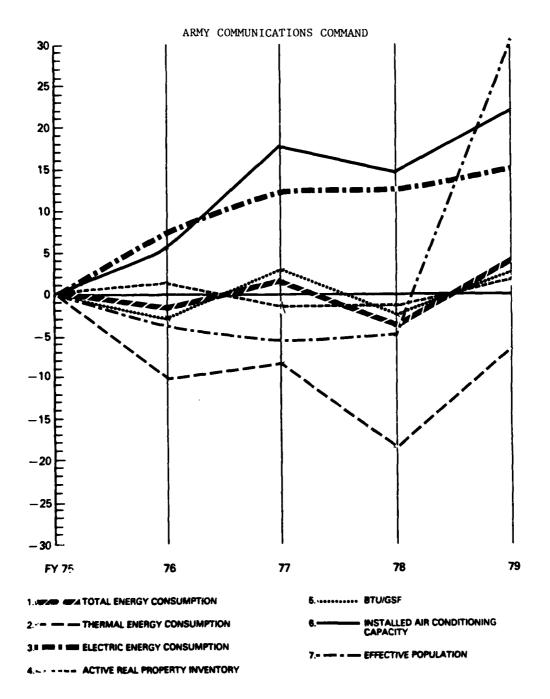
	UNITS/FY	ĸ	æ	u	æ	R	[
1. Energy Consumption & Pto	MBTU	2,570,900	2,198,475 (-14,5)	2.282.258 (-11.2)	2,603,166 () 3	2 817 203	1 9 6 7
2. Institute Chicana de Pio	MBTU	333,962	314, 139 (- 5, 9)			J -	7 9 7
3. Electrical En Cone & PD	MBTU	2 236 938	1.884.336 (-15.8)	1 962 332 (-12 3)	7 078	105 207 C	
4. Newdern Population & PO	PEOPLE	26, 202	26,140 1 - 0.21	944		33.218	1 36 8 1
5. Non-Newcourt Population & PD	PEOPLE	14,483	14.051 (-3.0)	-	-	6 200	1 4 45
6. Population Servad** & PD	PEOPLE	40,685	40,191 (-1,21	_		30 500	- 0
7. Effective Population*** 5 PD	PEOPLE	31,030	- (-	-	25 216	100
8. En Consumption/Pap Served & PO	MBTU/CAP	63.2	7	-	, - -	246.476	1
9. En Consumption/Eff Pop & PD	MBTU/CAP	82.9	-	73.7 (-11.61	-	300	17.0
10. Electric En Consumption/Resident Population	MBTU/CAP	85.4	72 1 (-15 6 1	7		3.5	
11. Installed Air Cond Capacity & PO	TONS	7 500	1		1	415/	-12.0
12. Elec Engravifon of Air Cond & PD	MATHER	986	975	F)			1 38.31
13 Red Property Increase (BBn & B)	,	5.56.4	9 '-32	190.1 (-35.41	216.2 (-26.5)	237.4	1-19.41
OLD BLANK AND	Ĉ.	17,549	18,725 (6.7)	18,845 (7,4)	19.789 (12.8)	22.848	1 30 21
in muchanose ropusados	KSFICA	0.57	0.61 1 2.4)	0.60 1 6.9	1 6 8 1 85 0	240	1 / 7 /
19. Entrigy Contamphoryces & PD	8TU/GSF	146,498	112.409 (-19.91	121.107 (-17.3)		123 302	0 1
16. Intermed En Consumption/GSF & PO	BTU/GSF	19,030	16,776 (-11,8)		2,46	17, 000	2,0
17. Electrical En Consumption/GSF & PO	8TU/GSF	127.468	(-2)	ľ	-	500 F1	9
6 18. RPI by Caregory	KSF				X		X
Training	KSF		- Average Average	XXXXXXXXXX			X
Maintenance & Production	KSF						
Research, Development & Testing	KSF						
Storage	KSF						
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE				
Hospital & Medical	XSE						
Administration	KSF						
Bechelor Housing	KSF						1
Community Facilities	KSF						T
Family Housing	KSF						
Operational Buildings	KSF						I
Unitry Buildings	#St						
Operation of the contract of t	,	A 10.00					

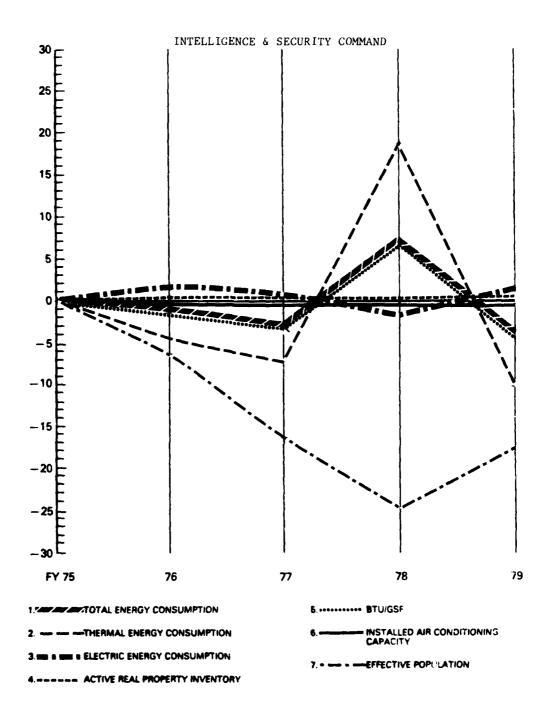


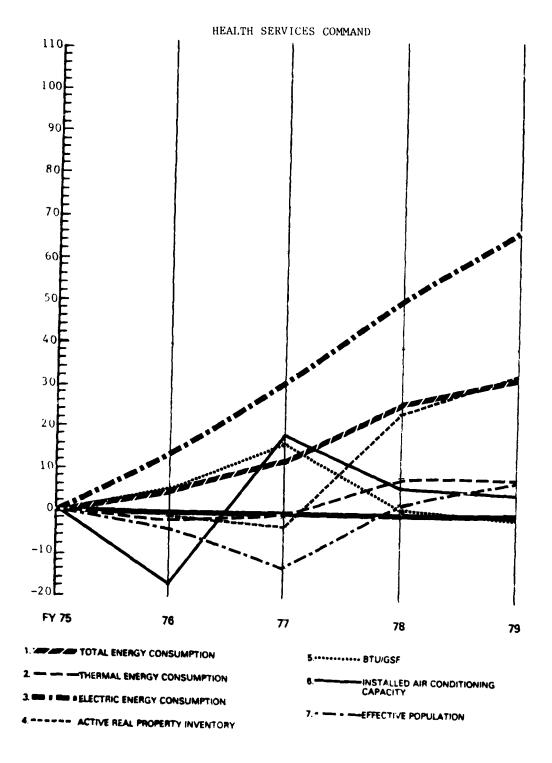


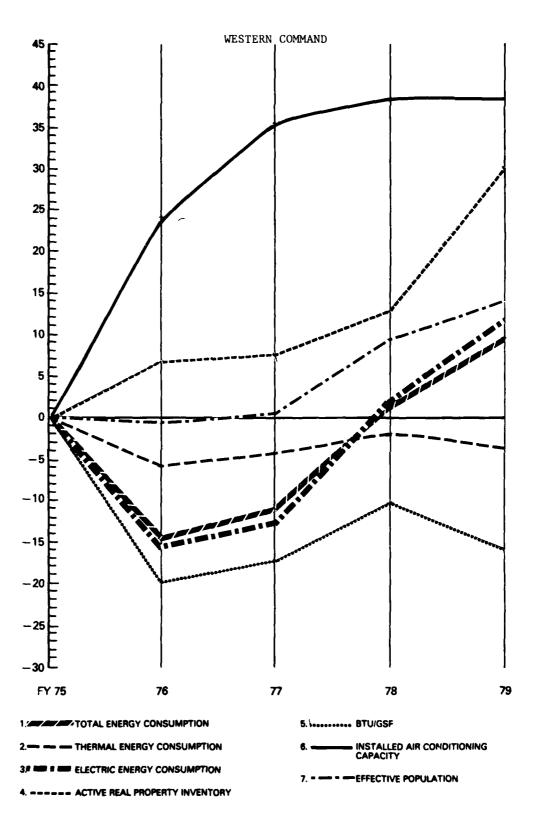


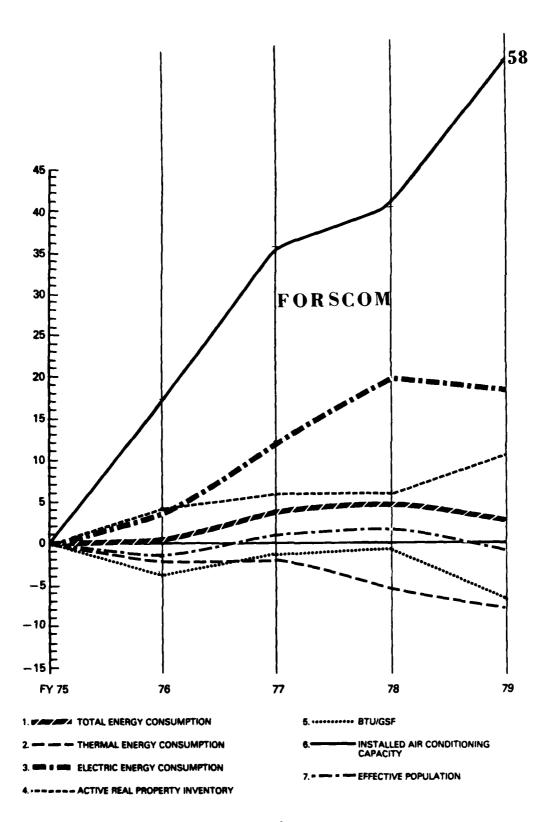


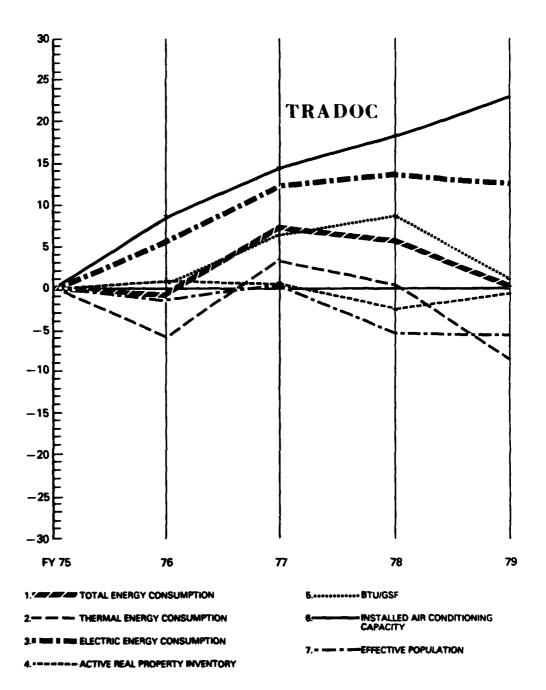


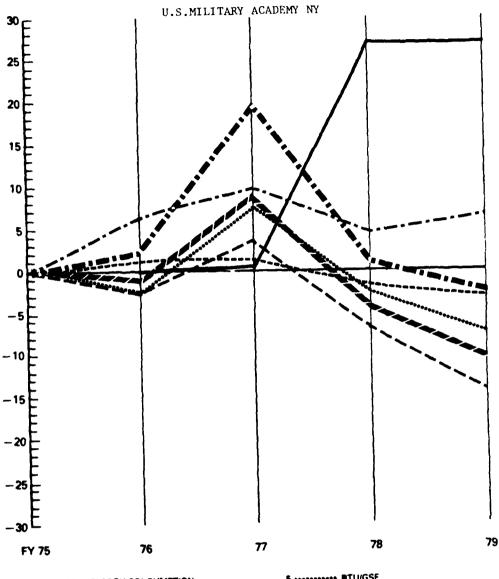












1. TOTAL ENERGY COLSUMPTION

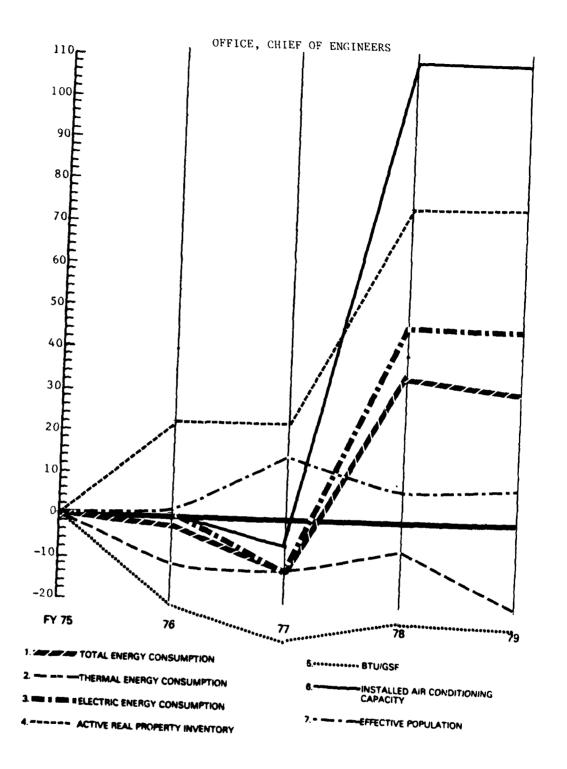
B B BB B ELECTRIC ENERGY CONSUMPTION

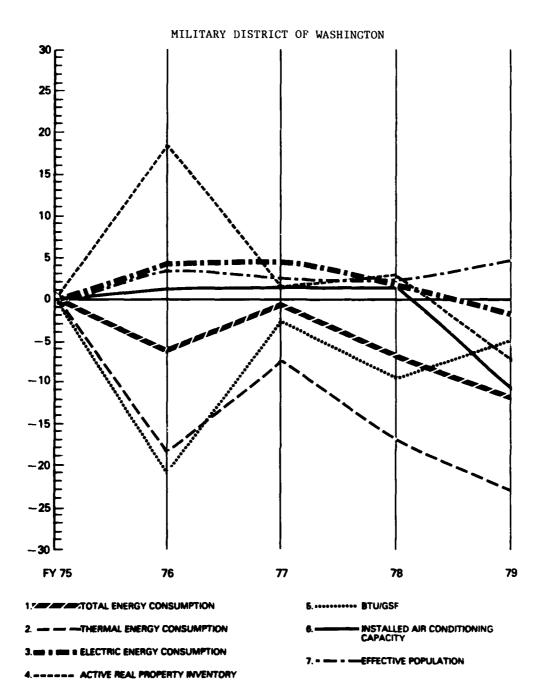
4. ---- ACTIVE REAL PROPERTY INVENTORY

6. **** BTU/GSF

INSTALLED AIR CONDITIONING CAPACITY

---EFFECTIVE POPULATION





	UNITS/FY	ĸ	æ		r	R	_	r	
1 Energy Consumption & PD	MBTU	76. 60%	72.876 1 - 2	31 65.258	1-12.5	100,102	12,25	97,887	(31.0
2. Thermal En Cons & PD	MBTU	17 159	8 01- 1 708 51	15	,	16.017	1,2,9 -)	13,705	1-20.0
3. Electrical En Cone fe PD	MBTU	577 25	-		1-12.5	84,085	1 46.41	84,182	1.46.0
4. Resident Population & PD	PEOPLE		-	-	-	c	-1	Ú	,
5. Non-Resident Population & PD	PEOPLE	267	269 (0	0.71	5 (14,2)	386	1 7.11	287	1 7.5
6 Population Served** & PD	PEOPLE	267	-	0.77	14.21	286	7.11	287	1.5
7 Effective Population*** & PD	FEOPLE	89	 - 	11, 102	1 14.61	56	17.71	96	6.2
8 En Consumption/Pop Served & PO	MBTUICAP	279.4	1	3.01	4.0 1-23.41	350.0	(25.31	341.1	(22.1
9 En Consumption(Eff Pop & PD	MBTU/CAP	838.2	-	3,41 639.	17.23.71	1,053.7	(25.71	1,019,6	1.21.6
10 Electric En Consumption/Resident Population	MBTU/CAP	0	-	0	-	С	-	ú	1
11 Installed Air Cond Capacity & PD	TONS		08	1 75	1-6.21	168	(110.0)	168	(110,0
_	MBTUTON	_	-	0.21 669	17.9 -1 6.6	500.5	1.08-1	5ni.1	2.08-1
	KSF		- 	L	3 (22.81	161	175.01	141	1.75.0
	KSFICAP		1.25 (21	21,51	1.11 1 7.21	1.69	10.54	1.65	62.2
5.07	BTU/GSF	810.913	644,920 1 -20,51	.51 577,504	4 1-28.81	621,751	1-23.31	766, 708	(-25.0
٤	BTUGSF	L	135,434 1 -27.41	.41 132,831	1 (-28.8)	787 66	17.95-1	85,124	7.75-1
_	BTUGSF		509 486	41 444 672	1-28.81	552,267	17.91-1	522,869	(-16.3
	KSF			$\overset{\times}{\times}$		\times	$\overset{\diamond}{\otimes}$	$\overset{\circ}{\sim}$	$\overset{\circ}{\otimes}$
	KSF	1	,	1				1	
Maintenance & Production	*SF	1.2	12	12	2	12		12	
Teating	KSF		80	08	0	128		128	
Storage	*S*		21	-					
vered Storage	KSF	Not Available Separately Included Above		BASE 2	1	2.1		2.1	
	KSF								
Administration	¥S.								
,	KSK								
	KSF								
Farmity Mousing	KSF								
Operational Bs. idings	¥St.								
Unitry Building»	KSF								
		ALL 01-610	İ			_			

COLD RECIONS RESEARCH ENG.

FY 76 ECIP - Storms - \$106,712 - Completed June 19

The process of the property of the process of the	U.S. Army - ANALYSIS OF ENERGY	•	CONSUMPTION - INSTALLATION _	FT HUACHUCA, AZ	MACOM ACC	CLIMATIC REGION THE	HDD 2,551 CDD 1,573	٤,
Mail		_	1-1-1	1 1 1 1 -1 -1		. 1 . 1 1	11	
WINTER 1,425, 485 1,386,075 1,24,1 1,100 1,25,145 1,445, 777 1,445 1,100 1,425,777 1,425,777 1,425,777 1,421 1,410 1,425,777 1,421 1,410 1,425,777 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421 1,421		UNITS/FY	ኤ	92	u	RL.	æ	
Method 75,2 8.56 665,316 -11.6 651,124 -13.5 566,942 -13.7 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251 766,251	1 Energy Consumption & PD	MBTU	1,420,483	075	370 (- 2	772	1,445,777	1.5
Mathod	2 Thermal En Cons 6 PD	MBTU	752.856				679,516	1 6.5
PROPIE 1 3 9 1 2 18 1 2 18 1 1 2 18 1 1 2 18 1 2 2 2 1 2 2 2 2 2	3 Electrical En Cons & PD	MBTU		 			766,261	1.8
PROPIE 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	4 Resident Population & PD	PEOPLE		11,218 (- 5.2)			16,393	38.51
Figure 16,11 15,941 1,2,9 16,185 1,0,21 16,174 1,0,10 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0,20 1,0	5 Non-Resident Population & PD	PEOPLE	4 572	4.723	-		4.315	- 5.51
METUCAP 13 16.3 12 17.92 L 4.3 12 1.2.2 L 2.3 E.0.7 E.0.5 E.	8 Population Served** fr PD	PEOPLE	16.411.	941 1-2			20,709	26.2.1
METUCAP 86,6 87,0 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5 1 10,5	7 Effective Population*** & PD	PEOPLE		792 (-	-,		17,832	33.41
MBTUICAP 106.1 108.4 1.9 111.5 (4.9 107.3 (1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	B. En Consumption/Pop Served fs PD	MBTU/CAP	86.6	- 0	-1 9.78			-19.31
MSTUCKAP 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	9 En Consumption/Eff Pop & PC	MBTU/CAP	106.3	4	- س	-	-	-23.71
TONS	10 Electric En Consumption/Resident Population	MBTU/CAP	56.4	,	- س			-17.1
Mail	11 Installed Air Cond Capacity & PD	TONS	4 039	-	-		5,398	33.61
Note Accretic Color	2. Elec Energy/Ton of Air Cond & PD	MBTUTON	165.3	7 5.4	ی	5	0	-14.11
National State	3. Real Property Inventory (RPI) & PD	KSF	7 300	7,401 1,41	'	يا	7,391	1.21
Stringst 194,586 187,282 1, 3,81 191,413 1, 11,81 195,040 1, 4,91 195,613 1 Stringst 101,131 89,895 1, 12,81 90,913 1, 11,81 79,567 1, 22,81 91,918 1 Stringst 2, 3,62 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,13 4,	4. RPVEHective Population	KSF/CAP		- 58	28	-	7 17'	-24.11
Structucy 101 131 89 8 95 1-12 8 90,913 1-11,8 79,567 1-22,8 91,988 1 Structucy 41	5. Energy Consumption/GSF & PD	BTU/GSF	•	'		1		0.51
STUNGSF 91 45.6 102 519 (12 1) 105 4.73 (15.3 1) 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 1	8. Themal En Consumption/GSF & PD	8TU/GSF	103.131			1 1 1	938 (-10.91
KSF A35 A32 A32 <th>7. Electrical En Consumption/GSF & PD</th> <th>BTU/GSF</th> <th>91.455</th> <th>97.386 (6.5)</th> <th></th> <th>105,473 (15,3)</th> <th>103,674</th> <th>13.41</th>	7. Electrical En Consumption/GSF & PD	BTU/GSF	91.455	97.386 (6.5)		105,473 (15,3)	103,674	13.41
KSSF 4.16 4.72 3.92 3.92 Action 4.19 4.19 4.19 4.19 MSF 1.13 1.23 1.13 1.13 RSF 1.13 1.23 1.13 1.13 RSF 1.20 3.48 3.45 3.45 RSF 1.50 1.76 1.58 1.68 RSF 1.50 1.47B 1.297 1.297 RSF 6.49 6.01 6.00 6.00 RSF 2.749 2.896 2.834 2.868 RSF 6.5 4.2 6.8 6.8 RSF Not Available 8ASE 2.0 1.4 RSF Not Available 8ASE 2.0 1.4	B. RPI by Caregory	KSF				 	\otimes	
KSF 419 433 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 419 <th>Transmg</th> <th>KSF</th> <th>436</th> <th>472</th> <th>392</th> <th></th> <th></th> <th></th>	Transmg	KSF	436	472	392			
KSF 113 123 132 132 132 132 132 133 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134	Meintenance & Production	KSF	419	433	419	419_	419	
KSF 158 3.62 11 11 11 11 11 11 11 11 11 11 11 12 14.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.4.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6 3.5.6	Research, Development & Testing	KSF	113	123	132	132	132	
KSF Not Available Superintly Included Above 126 136 148 346 KSF 120 176 188 168 168 168 KSF 163 176 175 159 159 159 KSF 640 600 600 600 600 1 KSF 2,749 2,896 2,834 2,885 2 KSF 70 70 70 70 KSF Not Available 8ASE 20 14 15	Storage	KSF	358	362	11	11	21	
KSF 120 176 168 168 168 KSF 1,508 1,478 1,59 1,59 1,59 1,59 KSF 649 601 600 600 600 1 KSF 2,749 2,896 2,834 2,885 2 KSF 10 70 70 70 KSF Not Available 8ASE 20 14 15	Other Covered Storage		ot Available Separately-Included		876	348	352	
KSF 763 726 759 759 KSF 1,508 1,478 1,277 1,297 1,297 KSF 6.03 6.03 6.03 6.03 6.03 6.03 KSF 5 42 68 2,874 2,878 2,878 KSF 70 70 70 70 70 KSF Not Available 8ASE 20 14 15	Hospital & Medical	KSF	170	17.6	168	168	166	
KSF 1,50R 1,47R 1,277 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 1,297 2,680 600 600 600 600 600 600 600 600 600 600 600 600 600 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,788 2,78	Administration	KSF	763	726	759	759	792	
KSF FA4Q 60.1 60.0 60.0 60.0 60.0 60.0 60.0 60.0 7.834 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.7845 2.784	Bachetor Housing	KSF	1 508	1 478	1.297	1,297	1,295	
KSF 2,769 2,896 2,834 2,883 2,88 KSF 65 42 68 68 68 68 70 KSF NOT Avitable BASE 20 14 14 14	Community Facilities	KSF	679	603	009	009	675	
KSF 65 42 68 68 KSF 70 70 70 70 KSF No Available BASE 20 14 14 14	Family Housing	KSF	2,749	2,896	2,834	2,885	2,885	
Buildings KSF 70 70 70 KSF Not Available BASE 20 14 14	Operational Buildings	KSF	65	7.7	89	89	89	
KSF Not Available 8ASE 20 14 14	Unitry Buildings	KSF	70	7.0	Ūζ	7.0	7.0	
	Other				14	15	14	

FY 76 ECIP - Electrical Alterations, Cooling System Alterations and Solar Film - \$372,773 - Completed December 1976

Foreign Communities B Fore)	
WHITE TATE <		1		1. 1. 1		1 - 1 - 1	1	
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TONS 2,088 2,067 1-1,01 2,068 (-1,01) 2,079 1 1 1 1 1 1 1 1 1	Electric En Consumption/Resident Population	MBTUCAP	87.4	7 1 7	6	5 1-7		Jo.
Maturical 1,872		TONS	I٢	-	2.068 (- 1.01]-	2.	14
Note 1,786 1,801 1,011 1,805 1,011 1,795 1,0.51 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,810 1,81		MBTUTON	67.2	1 (5	<u>-</u>		7.	<u>ا</u> ر:
No.	KSF	1 786	-	1.803 1.01	-	1	ł۳.	
Thurst		KSFICAP		1 08	١٠.	.69 1-10.4	169	•
#TUNGSF 76,120 74,140 1-2,61 91,278 (19,91 85,585 (12,4) 81, 82, 40 139, 91, 84,470 (17,81 89, 90, 82, 82, 83, 83, 83, 83, 83, 83, 83, 83, 83, 83		BTUGSF	1	643 (-	-	_	ļĽ.
Thurse T		BTU/GSF	76.120		-	- ' 		7
Kist S.		BTUIGSF	78 574	-	95,580 (21,7)	-		۲.
Kist St St St St St St St		KSF		$\stackrel{\times}{ imes}$		\otimes	$\stackrel{\circ}{\sim}$	\mathbf{Y}
KGF G2 G2 T4 T3 KGF Act T5 Act T3 KGF File T3 T3 T3 KGF File T3 T3 T3 KGF T3 T3 T3 T3 KGF T3 T3 T4 T2 KGF T3 T4 T4 T5 KGF T4 T4 T5 T5 KGF T4 T5 T5 T5 KGF T4 T5 T5 T5 KGF MCS T5 T5 T5 KGF T4 T5 T5 T5 KGF T4 T5 T5 T5 KGF T4 T5 T5 T5 <th></th> <th>KSF</th> <th>ÜS</th> <th>05</th> <th>51</th> <th></th> <th></th> <th></th>		KSF	ÜS	05	51			
KSF Fig. F		KSF	29	63	74	73	74	
KSF Incl. Average to Signature efforts of Action 1 7.5 Incl. Average efforts of Action 1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 <		KSF) !
KSF Not Available Supervisely incided Above BASE 3.3 9.1 KSF 1 g / s / s / s / s / s / s / s / s / s /		KSF	779	7.5		1	1	
KGSF 9 9 9 9 KGSF 195 196 58.6 24.6 22.0 KGSF 358 34.6 22.0 22.0 RGSF 37.8 13.4 14.0 15.5 KGSF 4,53 4,54 4,5 4,5 KGSF 4,55 4,4 4,5 4,5 KGSF 4,55 4,4 3,3 3,3 KGSF 15,4 3,1 3,8 8,8 KGSF 15,6 3,1 3,8 8,8	_	KSF	Not Available Separately-Included Above	BASE	33	91	91	
KSF 195 196 586 646 RSF 195 188 244 220 RSF 139 144 140 155 RSF 453 454 455 41 RSF 455 454 455 41 RSF 455 414 455 41 RSF 455 414 455 33 RSF 455 41 58 3 RSF 456 15 3 RSF 456 15 3		KSF	ţ	o	6	6	6	
KISF 3.58 15R 244 220 Name KISF 139 144 140 155 KISF 453 454 455 45,2 RESP 454 455 45,2 45,2 KISP 455 434,2 51 33 KISP 11 1 58 KISF 10 156 3		KSF	105	196	586	979	979	
KSF 130 144 140 155 KSF 451 454 455 45 KSF 455 454 51 33 KSF MAST MASTER 20 156 1		KSF	358	358	244	220	221	
KSF 4,53 4,5 4,5 drups KSF 4,5 4,5 3,3 KSF 4,5 4,5 3,3 3,3 KSF 4,5 4,5 3,3 3,5 KSF 1,5 3,6 3,8	1	KSF	130	144	140	155	155	
KSF 655 636' 53		KSF	157	757	455	45.	455	- 1
KSF Not Available 1 8ASF 20 156		KSF	557	. 98.9	53	33	33	
KSF Nov Available BASE 20 156		KSF	-		-	58	58	
		KSF		20	156		3	

FY 77 Family Housing ECIP Improvements - \$65,795 - Completed (estimated) October 1978

5,059 CDD 948
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CLIMATIC RE
MACOM_HSC
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FT. DETRICK
- INSTALLATION
Y CONSUMPTION
- ANALYSIS OF ENERG
U.S. Arm

						1	11	
	UNITS/FY	*	92	ш	R		R	
1. Entergy Consumption & PD	MBTU	1.556.806	1,660,620 (6.7)	1,811,740 (16.4)	1,838,850	18.1 1		14.0)
2. Thermel En Cons & PD	MBTU	871 812	846.917 1- 2.91	905,870 1 3.91	956,202	9.71	831,205	17.7
3. Electrical En Cone 6 PD	MBTU	766 789	813, 703 (18.8)	905,870 1 32,21	882,648	28.91	937,316	37.01
4 Resident Population & PO	PEOPLE	.68	887 1 - 0.61	806 1 9.61	678	- 4.81	845	- 5.3
5. Non-Resident Population & PD	PEOPLE	20, ,	2,327 1, 5,61	2,425 1 10,0	2,403	10.6	2,591	17.61
6. Population Served** & PD	PEOPLE	3 096	3 214 1 3.81	3.231 (4.4)	3,252 (5.01	3,436	11.0
7. Effective Population*** 6 PD	PEOPLE	1.677	1.663 1 2.21	-	-	1.41	1,709	5.01
B. En Consumption/Pop Served & PD	MBTUCAP	\$02.8	516.7 1 2.81	560.7 1 11.51	565.4 (12.41	214.7	2.41
9 En Consumption/Eff Pop & PO	MBTUCAP	956 9	17.7 1 9.866	1,122.5 (17.3)	1,114,4	16.51	1,034.8	8.11
10. Electric En Consumption/Resident Population	MBTU/CAP	767 9	15 61 1 7 7 16 51	1.123.9 1 46.31	1,039.6	35.41	1,109.2	17.77
11 Insighted Air Cand Capacity & PD	TONS	6 993	7 304 1 4.41	6.869 1 - 1.80	6,869	- 1.81	6,516	18.9 -
•	MBTUTON	97.0	11 4 (13 7)	131.9 1 34.6		31.21	143.8	46.81
	KSF	2 021	7.084	1,479 (-26.8)	1,483	-26.61	1,485	-26.53
	KSF/CAP	1 24	1.25 1 0.91	.92 1 -26.21	06.	1-27.61	.87	-30.0
# 6 PO	BTWGSF	770 314	796.842 1 3.41	1.224.976 1 59.01	1,239,952	10.19	1,190,923	54.61
8	BTU/GSF	431.376	406.390 (- 5.8)	612,488 (42.0)	644,775	49.51	559,734	29.81
17 Electrical En Consumption/GSF fo PO	BTU/GSF	138 938	190,452 (15.2)	612,488 1 80.79	595,177	75.61	631,189	86.21
18. RPI by Category	KSF				$\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}\overs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Treaming	KSF	16	16	16	16		16	
Memtenence & Production	KSF	100	1.00	88	87		71	
Research, Development & Testing	KSF	166	1.018	474	480		477	
Storage	KSF	131	131	1			-	
Other Covered Storage	KSF	Not Available Separately-Included Above	• BASE	114	103		108	
Hospital & Medical	KSF		23	25	2.5		25	
Administration	KSF	197	160	138	139		154	
Bechelor Housing	KSF	109	103	104	103		103	
Community Facilities	KSF	6	108	96	96		104	
Fernely Housing	KSF	253	253	235	242		244	
Operational Buildings	KSF	86	102	103	103		108	
Unitry Buildings	KSF	24	70	85	84		75	
Other	KSF	Not Available BASE	1		4	1		

EMARKS

REMARK

Communication of the Communi	U.S. Army ANALYSIS OF ENERGY CONSUMPTION INSTALLATION _	GY CONSUMP	TION - INSTALLATION	FITZSIMMONS AMC, CO.	MACOM HSC	CLIMATIC REGION 2 HDD 6,016 CDD 625	6,016 cop 625
Mail			1 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 1 1. 1	1 1 1
MeTU 815.320 802.778	-	UNITS/FY	把	22	4	R	R
Method 611,490 578,001 1-5.5 546,510 1-0.6 541,485 1-11,41 241,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1-21,185 1	1. Energy Consumption & PD	MBTU	815,320	802.778 1-1.51	1	773,550 (- 5.1)	805,861 1-1.2
Net	2 Thermal En Cons & PO	MBill		100			564,103 1-7.71
Precore 1,957 1,210 -9,6 1,818 L. 7.1 1,950 -0.4 2,045 1,210 1,951 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,151 1,1	3 Electrical En Cone & PO	MBTU		1777	_		241,758 (+19)
Propert 1,065 1,111 1,151 2,984 L 2 6 1 2,809 C 6 4 1 2,650 C 4,610 2,650 C 4,610 C 4,621 C 4,650 C 4,621 C 4,650 C 4,621 C 4,630 4 Resident Population & PD	PEOPLE	1 957	770 1- 9.	1,818 4 7,1 1	-	2,046 (4.5)	
NEGORIE S. 0.02	5. Non-Resident Population & PO	PEOPLE	3.065	-	ı	ال	2,850 (- 7.0)
NET CLOPE 1,979 2,807 1 - 5,8 1	6. Population Served** & PD	PEOPLE	\$ 022	1- 2.	7		4,896 (- 2.5)
Mathematical 162,3 164,5 1,3 160,3 1,3 162,5 0.1 167,6 169,0 123,1 123,2 123,0 123,1 126,0 123,1 126,0 123,1 126,0 123,1 126,0 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123,1 123	7 Effective Population*** & PD	PEOPLE	2.979	<u> </u>	ı		2,996 1 0.61
MATUCAP 173.7 286.0 4.5.1 273.6 1.0.021 268.0 12.1 118.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.2 1.18.	8 En Consumption/Pop Served & PD	MBTU/CAP	162.3	164.5 (1.3)		162.5 (0.1)	164.6 (1.4)
Mathematical 104.2 127.0 121.9 122.8 127.9 114.3 115.3 1 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 127.8 1	9 En Consumption/Eff Pop & PD	MBTU/CAP	273.7	-	7	268.0 (- 2.1)	269.0 1 - 1.71
Tokks 1,037 1,051 1,41 1,273 1,22.8 1,273 1,22.8 1,273 1,22.8 1,273 1,25.4 1,273 1,25.4 1,273 1,25.4 1,273 1,25.4 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273 1,273	10 Electric En Consumption/Resident Population	MBTU/CAP	104.2	-	ı	-	118.2 (13.4)
Note A manufactory 196.6 213.9 (8.8 H) 175.4 1.10.8 H) 175.4 1.10.8 H) 175.4 1.10.8 H) 1.15.4 1.10.8 H) 1.15.4 1.10.8 H) 1.15.4 1.10.8 H) 1.1	11 Installed Air Cond Capacity & PO	TONS	1.037	-	-	1,273 (22.81	1,273 (22.8)
RSF 2,555 1	12 Elec Energy/Ton of Air Cond & PD	MBTUTON	196.6	-	7	~	189.5 1 - 3.41
No. of the control	13. Real Property Inventory (RPI) 6 PD	KSF	2.555	-	2,583 (1.1)	2,584 (1.1)	2,556 1.21
Fig. 25 19 108 114 199 1 - 1,5 1 297,999 1 - 6,6 1 299,362 1 - 6,2 311,625 1 File Section 226,224 1 - 5,5 211,580 1 - 1,2 1 209,353 1 - 1,2 1 1 1 1 1 1 1 1 1	14. RPIEHective Population	KSFICAP	98	-	92 (. R. 6 1 0.61
Stroke 199331 226,224 (- 5.5) 211,580 (-11.6) 209,553 (-12.4) 218,137 () 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10	15 Energy Consumption/GSF & PD	BTU/GSF	1		<u>ן</u>		311,625 (= 2.3)
RSF Not Available September 12 14 14 14 14 14 14 14	16. Thermal En Consumption/GSF & PO	BTU/GSF	239,331	-)			218,137 (- 8.9)
Kist	17. Electrical En Consumption/GSF & PD	8TU/GSF	777-67	87.975 (10.31	86,420 (9.3)	-	93,287 17.21
W.SF 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 <th< th=""><th>18. RPI by Cetagory</th><th>KSF</th><th></th><th></th><th>***************************************</th><th></th><th></th></th<>	18. RPI by Cetagory	KSF			***************************************		
KSF 83 83 63 cd. Development & Tealing KSF 63 — KSF 127 126 — Coverand Steraige KSF 127 126 130 Coverand Steraige KSF 427 627 641 Coverand Steraige KSF 255 255 267 material KSF 396 404 401 KSF 376 448 448 448 Most Profition KSF 11 11 11 Buildings KSF Next Available ASF 27 27	Transing	KSF	143	143	143	143	143
Ch. Development & Testing KSF 63 — Ch. Development & Testing KSF 127 126 — Convent Storage KSF Not Available Segment included Above 627 BASE 126 130 Convent Storage KSF 425 255 267 641 Anni Problem KSF 396 403 403 Anni Problem KSF 448 448 448 Anni Problem KSF 11 11 11 Buildings KSF 14 AASE 27	Maintenance & Production	KSF	83	83	83	83	83
Covered Streets KSF Not Available Supervisor included Above 126 126 130 all b Middless KSF KSF 627 627 641 acresion KSF 255 255 267 acresion KSF 396 403 acresion KSF 376 403 Acresion KSF 448 448 Acresion KSF 11 11 Buildings KSF 14 12 11 Buildings KSF Acres 27 27	Research, Development & Teating	KSF	63	63	63	-	_
Convents Statisties KSF Next Available Sequence by Included Above BASE 126 130 Assistance KSF 642 627 643 641 and behalder KSF 255 255 267 643 bit Meaning KSF 396 433 401 401 KSF 448 448 448 448 448 Buildings KSF 11 11 11 KSF Meanings 25 27 27	Storage	KSF	127	126	•		
KSF 627 627 641 membron KSF 255 255 267 material KSF 396 403 401 Mark Fidence KSF 448 448 448 448 Most Marketon KSF 11 12 13 13 Buildings KSF Most Available BASE 27 27	Other Covered Storage	Н	Not Available Separately included A		126	130	130
KSF 2.5 2.5 2.67 Comment KSF 3.96 3.96 4.03 Marky Poclation KSF 4.48 4.03 4.03 Marky Poclation KSF 4.48 4.48 4.48 Most Available KSF 1.1 1.1 1.1 Buildings KSF Next Available 2.7 2.7	Hospital & Medical	KSF	627	627	627	179	279
KSF 396 433 KSF 396 433 ASP 404 401 ASP 448 448 448 ASS 11 11 11 Buildings KSF 14 43 11 RSF NSF 27 27 27	Administration	KSF	255	255	255	267	292
KSF 376 376 404 401 Housing KSF 448 448 448 KSF 11 12 11 11 Buildings KSF Next Available BASE 27 27	Bachelor Housing	KSF	396	396	396	433	433
Housering KSF 448 448 448 448 norum Buildings KSF 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 12 12 <t< th=""><th>Community Facilities</th><th>KSF</th><th>376</th><th>376</th><th>707</th><th>401</th><th>4.02</th></t<>	Community Facilities	KSF	376	376	707	401	4.02
KSF 11 13 11 11 Buildings KSF Not Available BASE 27 27 27	Family Housing	KSF	875	448	448	448	448
Buildings KSF Not Available BASE 27 27	Operational Buildings	KSF	11		11	11	11
KSF Not Available BASE	Unitry Buildings	KSF	26	27	27	27	2.2
	Other				J		=

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MDD 4,483 CDD 1,217
CLIMATIC REGION 3
MACOM HSC
WALTER REED AMC, WASH D.C.
- INSTALLATION
U.S. Army - ANALYSIS OF ENERGY CONSUMPTION

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	UNITS/FY	Æ	2	E .	£	۶
1. Energy Consumption & PD	MBTU	1.382.199	1,463,500 (5.91	1.652.943 (19.6)	2.133.200 (54.3)	2.415.436 (+75
2. Thermal En Cons & PD	MBTU	732.566	746.385 1 1.91	760,354 (3.8)	917.276 (25.2)	787
3. Recursific Cone to PO	MBTU	649_633	117,115 1 10,41	892,589 (37,4)	1.215.924 (87.2)	952
4. Resident Population Ib PD	PEOPLE	2.300	1.748 1.24.0)	710 1-69-1)	-	1
5. Non-Resident Population & PD	PEOPLE	6.593	7,530 (14,2)	8.372 (27.01	7 105 (7 8)	075 9
6. Population Served** 6-PD	PEOPLE	8.893	18.7 1 822.6	٠,	-	727 6
7. Effective Population*** & PD	PEOPUE	807 7	7,750 (5,7)	1 501	1	
8	MOTINCAR	22,	· .	77-	-	-
	20104	125.4	1	_	-	254.9 (64.0
			343.7 (11,81	472.1 (53.6)	447.0 (45.5)	472.3 154.7
- Constitution	MBTUCAP	282.4	410,2 (45,2)	1,257,2 (345,1)	505.8 (79.1)	477.5 (69.1
	TONS	14,898	10.574 (-29.0)	18,969 (27,3)	16,910 1 9,51	16,310 1 9.5
	MBTUTON	43.6	67.8 (55.5)	47.1 (7.91	10.17 1 3.47	85.9 1.97.0
F 0.5	KSF	2.966	2.876 (- 3.0)	6	5.323 (79.51	=
	KSFICAP		.68 (2,4)	92 1 4	.12 (118
	BTU/GSF	466.014	508.866 (9.2)	510,798 1 9,61	400.751 (-14.0)	401.302 (-13.9
	BTUGSF	246,988	259,522 (5,1)	234,967 (- 4,91	L	Γ
17. Electrical En Consumption/GSF fe PO	BTU/GSF		249,344 (13,8)	275.831 (25.91	-	ľ
Audie	KSF.					
	KSF	129	14	14	14	×××××××××××××××××××××××××××××××××××××××
	KSF	47	94	97	51	50
. Development & Testing	KSF	475	480	787	207	687
	KSF	84	79	•	1	1
\$	KSF	Not Available Separately-Included Above		79	76	78
1	ž.	1,159	1,157	1,593	3,283	2,983
	KSF	1.52	140	157	165	969
	KSF	423	299	740	584	487
•	KSF	291	293	280	281	341
	KSF	155	134	57	81	348
ŧ	KSF	51	-	t	-	1
Buildings	KSF		86	86	86	54
	KSF	Not Available BASE	-		495	493

A-6

U.S. Army - ANALYSIS OF ENERGY (GY CONSUM	CONSUMPTION - INSTALLATION ARLINGTON HALL STATION, VA	INCTON HALL STATION, VA	MACOM INSCOM	CLIMAT	IC REGION 3 HDD	CLIMATIC REGION 3 HDD 4,211 CDD 1,415	vi.
•		-	~	-	T 1	111	1	
	UNITS/FY	R	2	r		£	R	
	Test	256 163	254 580 1- 0.61	251,979	1.61 303,92	18.6	246,190	3.9)
1. Energy Consumption of the	THE STATE OF	2781	89 103 (- 6.0)	88,193	7.01 139,804	4 47 51	81,243	-14.3
	Matri	161 382	165 477 (2.51	163,786	1.51 164,11	6 - (1.71	164,947	2.21
	a const		-	-	-48.51 198	1	-	-39.0
		257		-	-21.61 2.150	0 (-24.51	2,389	-16.11
2	2 200	8,007		-		1-25.31	2,569	-18.31
		3.143		-		1-26.41	976	-21.51
	FOTE	1,244		-		129 4 1 58.81	8.56	17.6
B. En Consumption/Pop Served & PO	MBTUCAP	81.5	-}	9.601		-	1 6 656	22.51
	MBTUCAP	205.9	236.2 (14.7)	280.9	4,	- -	7 7 10	1
ant Population	METUCAP	547.1	707.2 (29.3)	1,077.5	97.01	ا.	1.016	
	TONS	2 020	2.887 (- 1.4)	2,887	1,41 2,887	-	7,88,	7
	MOTI ITOM	1 25	57.3 (4.0)	1 26.7	3.0)	56.8 t 3.21	57.1	7.7
	5	225	-	905	0 1 905	2 (0)	906	0.1
	2	505	, ,	101	100	0.98 (35.9)	0.93	27.51
	S S			278 1.3	335.8	3 (18.6)	271,732	0.7
	200	4		1	7	-	89.672	-14.41
16. Thermal En Concumption/GSF & PO	BTUGSF	104,730	-	9/1430		-	182 060	1.7
17. Becarios En Consumption/GSF to PD	BTUGSF	178.323	182,847 (2,5)	180,979	1.51			K
	KSF							
	KSF	3	3	3		,	٥	
mos & Production	KSF	24	24	24	7	23	2	
Teaching	KSF			1				
	XSF	32	32					
	¥St.	for Available Separately-Included Above		32		38	34	
	KSF		2	. 5		5	C C	1
	KG	755	655	655	661	1	652	
<u>.</u>	2	978	85	85		79	78	
	100	50	85	85		75	85	
l	2 3	- 82		6		6	6	
	10,	7		-		4	•	
Character Dominage	, Lor		4	9		8	∞	
	2	DACE.					-	
	2		of bounds or death	Description of the Person	Providence	***Eff Pop is Resident	+ 1/3 Non-Resident	

REMARK!

CLIMATIC REGION 3 HDD 5.010 CDD 940 U.S. AMY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION _ VINT HILL FARMS.STATION, VA MACOM _ INSCOM

		- -				
	UNITS/FY	ĸ	æ	и	R	R
1. Energy Consumption @ PD	ULBA	270,449	266.538 (- 1.4)	259,117 (- 4,2)	259,948 1- 3.91	260,040 (- 3.8)
2. Thermal En Cons & PD	UNBA	132,521	626	121,785 ← 8.1	16.1 -1 579,921	122,219 (- 7.8)
3. Becoring for Core & PO	Merc	137.928	138,599 (0,51	137,332 1- 0,4 1	129,974 1-5.81	137,821 (- 0.1)
4. Resident Population & PO	PEOPLE	1.316	1.323 (0.5)	1,265 (- 3.9)	1,047 1-20.41	
& Non-Resident Population & PO	PEOPLE	992	128 -1 906	143 1-25,1)	(5.96-) 6.50	775 1-21.91
6. Population Served** 6-PD	PEOPLE	2.308	2.229 (-3.41	2,008 (-13,0)	1,677 (-27,31	1,915 (-17.0)
7. Effective Papulation*** & PD	PEOPLE	1.647	1,625 (-1.3)	1,513 (- 8.1)	1,257 (-23.7)	1,398 (-15.1)
8. En Consumption/Pap Served & PD	MBTUKAP	117.2	119.6 (2.0)	129.0 (10.1)	155.0 (32.3)	135.8 15.9
9. En Consumption (FM Pap & PD	MBTUCAP	164.2	164.0 (- 0.1)	171.3 (4.3)	206.8 (25.9)	186.0 (13.3)
10. Electric En Consumption/Resident Population	MBTUCAP	104.8	104.8 (0.0)	108.6 (3.6)	124,1 (18,4)	120.9 (15.3)
11. Installed Air Cond Capacity & PO	TONS	2.479	2,500 1 0,81	2,500 (0.8)	2,500 (0.8)	2,500 1 0.8 1
12. But Energy/Ton of As Cond & PO	NOTUTON	55.6	55.4 (- 0.41	54.9 (- 1.3)	52.0 (- 6.6)	55.1 1- 0.9 1
13. Real Property Inventory (RP) & PD	KSF	1.110	1,118 (0,7)	1,116 (0.5)	1,116 (0.51	1,117 (0.6)
14. PPVErfective Population	KSHCAP	.67	.69 (2.11	17.6 1 72.	17.18 1 68.	.80 (18.6)
15. Energy Consumption(GSF & PO	BTUGSF	243.648	238,406 1-2.21	232,183 (- 4,7)	232,928 (- 4,4)	232,802 (- 4.5)
16. Thermal En Consumption/GSF & PD	BTUGSF	119,388	114,436 (- 4,1)	109,126 (- 8.6)	116,464 1- 2.41	109,417 (- 8.4)
17. Becirical En Consumption(GSF fo PO	BTUGSF	124.260	123,970 (-0.2)	123,057	116,464	123,385 (- 0.7)
18. RPI by Campory	1SH			X		
Training	KSF	1	_			
Meinemento & Production	1531	27	27	2.2	27	27
Research, Development & Testing	KSK	76	76	9 <u>/</u>	94	76
Storage	KSF	85	80			1
Other Covered Storage	KSF	Not Available Separately-Included Above	No BASE	82	78	77
Hospital & Medical	KSF	6		- 6	6	6
Administration	KSF	31	33	33	33	76
Bechator Housing	XSF	213	214	214	214	171
Community % Miles	¥S¥	123	126	126	126	126
Femily Housing	KSF	399	399	399	366	400
Operational Buildings	KSF	132	132	132	132	132
Utility Buildings	KSF	1.5	13	13	13	13
3	KSF	Not Available BASE	6	6	1	10

A-8

		T				
	UNITSFY	ĸ	2	4	R	F
maumption & PO	MBTU	1.945.931	1.920.234 (- 1.3)	2,114,779 (8,7)	1.858.080 (- 4.5)	1.740.527 (-10.6)
Cons & PO	WETU	1.310.425	1,272,525 (- 2,9)	1.354.875 (3.4)	1.216.925 (-7.1)	1,121,400 (-14,4)
n Core & PO	UTEM	635, 506	647 709 (1.9)		641 155 (0.9)	127
Oputation & PD	PEOPLE	11,532	11 571 1 0 1	-	878 (- -
nn Population & PO	PEOPLE	3 196	5 487 (71.7)	10.601, 629.9	3.906 (22.21	-
Served** & PD	PEOPLE	14, 728	17.058 (15.8)	18,279 (24,11)	15.784 (7.2)	-
Obrigation & PD	PEOPLE	12, 597	13,400 1 6,41	826	13,180 (4,6)	13,436 (6,7)
palonifles Served & PD	MBTUCAP	132,1	112.6 (-14.8)	115.7 (-12.4)	117.7 (-10.9)	106.5 (-19.4)
spitonEff Pop & PO	METUCAP	154.5	143.3 (-7.2)	1077 -1 07851	141.0 (-8.7)	129,5 (-16.1)
Consumption/Resident Population	MBTUCAP	55.1	56.0 (1.6)	16'81) 5'59	24.0 1 - 2.01	51.7 (- 6.2.1)
	TONS	5 3 6 5	5.365 1 0 1	(0) 598.5	(27	6.821 (27.1)
	METUTON	118.5	120.7 (1.9)	(9'61) 9'171	19.02-1 0.46	90.8 (-23.41)
	KSF	10.210	10.318 (1.1)	11.1 816.01	10,028 (- 1,8)	9,886 (- 3,2)
	KSF/CAP	.81	177 1 - 5.01		(1'9 -) 92'	.74 1- 9.2
	BTUKGSF	190,591	186,105 '- 2,41	2) 096*507	185,289 (- 2,8)	176,060 (- 7,6)
	BTU/GSF	128,347	1 - 3	131,312 (2,3.)	121,353 (- 5.41	113,433 (-11,6)
	BTUKSSF		-	73.648		
	KSF					
	KSF	876	876	876	895	475
nos & Production	KSF	363	363	898	305	416
	KSF			_		
	KSF	252	263	10	9	6
	KSF	Not Available Separately-included Above	BASE	253	257	276
	KSF	771	1 44	771	157	236
	KSF	807	857	857	082	741
	KSF	2 531	2, 531	2,531	2.402	2.295
	KSF	1 980	1,989	1,989	1,754	1.754
	KSF	3 297	3,345	3.34.5	3,312	3_373
nd Buildings	KSF	178	130	130	2.0	20
	KSF	1. 4.1.	114	11.4	1.07	107
	KSF	Not Available BASE	3.3	13	098	184

CLIMATIC REGION 2 HDD5_753 CDD 830

U.S. Amy - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION 11.5. MILITARY ACADEMY, NY

CLIMATIC REGION 3 HDD 4,211 CDD 1,415
MACOM MDW
MON MILITARY DIST OF WASH, D.C.
JMPTION INSTALLATION _
- ANALYSIS OF ENERGY CONSU
U.S. Army

		1 1 1 1	1 1 1 1	1 - 1 - 1 1		
	UNITS/FY	ĸ	£	u	R	R
1 Energy Consumption 6 PD	MBTU	1 182 321	1.107.525 1-6.31	1.169.548 (-1.1)	1,099,153 1- 7,01	1,042,572 (-11,8)
	MBTU	543 868	443 010 (-18.5)	502.906 1- 7.5 1	450.653 (-17.1)	417,029 (-23,31)
3. Electrical En Cons & PD	MBTU	838 453	1,1 7 1 515 799	666 642 (4.4 1	19.1 1 200 1 1.61	625,543 (- 2,01
4. Readers Population & PD	PEOPLE	5.297	3 294 1 0 11	5 120 (- 3.3)	5,120 (= 3,3)	5,455 (3,01
5. Non-Resident Population & PD	PEOPLE	27 830	29 360 (5 51)	29 360 (5.51	29,360 (5,5)	29,360 1 5,51
	PEOPLE	13 127	1,9.7 , 759 76	1,1,4,084,48	34,480 (4.1)	34,815 (5,11
7. Effective Population*** & PD	PEOPLE	725 71	15 081 1 3.51		14,907 (2,31	15.242 1 4.61
2	MBTUICAP	15.7	32.0 (-10.5)	33.9 (- 5.0)	31.9 1-10.71	29,9 (-16,1)
9. En Consumption(Eff Pap to PO	MBTU/CAP	1.18	73.4 1 - 9.51	78.5 (- 3.3)	73.7 (- 9.1)	68,4 (-15,7)
10. Electric En Consumption/Resident Population	MBTUCAP	120.5	125.5 1 4.11	130.2 (8.0)	126.7 (_ 5.1)	114.7 (- 4.9)
11. Installed Air Cond Capacity & PU	TONS	790 6	1111 9916	9.166 (1.1)	9,166 (1,1)	8,115 (-10,5)
12 Elec Energy/Ton of Air Cond & PO	MBTU/TON	7.07	72.5 (2.91	72.7 (3.3 !	70.8 1 0.41	77.1 1 9.4 1
13. Real Property Inventory (RPt) & PD	KSF	286 7	5 900 (18.4)	5.055 (1.51	5.120 (2.8)	4.625 (- 7.2)
	KSF/CAP	72	39 1 14 7	34 (0.0)	110.0 1 46.	.30 (-11.8)
5	8TU/GSF	237 319	187 716 (-20.9)	231,365 1- 2,51	214.678 1 - 9.51	225,421 (- 5,01
16. Thermal En Con umprion/GSF th PO	BTUGSF	79 167	75 086 (-31.2)	16.8 -) 787.66	17.61-1 810.88	90,168 (-17,4)
17. Bectrical En Consumption/GSF & PD	BTUIGSF	128 152	112 630 (-12 1)	131 878 (2.91	126.660 (-1.2)	135,253 (5,51
18. RPI by Category	KSF					
Training	KSF	1 007	394	380	380	344
Mainamence & Production	KSF	195	246	290	290	345
Research, Dev topment & Testing	KSF					_
Secretor	KSF	520	412			8
Other Covered Storage	KSF	Not Available Separately-Included Above		418	418	266
Hospital & Medical	KSF	83	95	64	64	67
Administration	KSF	843	1.607	678	678	929
2	KSF	1.173	1.353	747	747	982
	KSF	857	068	1.404	1.404	788
Farmily Housing	KSF	588	588	588	651	575
Operational Buildings	KSF	194	95	95	95	65
Utility Buildings	KSF	129	220	220	220	246
9	KSF	Not Available BASE		1		10

Includes Cameron Station, VA., Ft Myer, VA., and FtMcNair, Washington, DC.

FY 77 ECIP (Ft McNair) - Insulation, Storms and Thermostats - \$120,000 - Completed (estimated) June 1978

	Ţ		1 1 1	11			1	1. 1.	
	CANTSURY	ĸ	22		11	R		R	
1. Energy Consumption & PD	MBTU	793 771	890.552	2.21 929.268	8 17.13	949,414	19.61	873,813	10.01
2. Thermal En Conr. B PD	METU	571 516	, 492 285	2.8 1 604 025	17.5 1 5.71	617,120	10.8	576.717	16.0
3. Becelos En Cons B PD	MBTU	•	787	325	3 1 46.31	332,294	15.67 1	297,096	10.45
4. Resident Population & PO	PEOPLE	809	881 (8.91	1 - 1.0	761	(-1.9)	783	1 = 3.21
5. Non-Resident Pt. substan B PD	PEOPLE	2.319	2.910 (25.51 2.731	1 17,8	2,384	18.2	2,276	1.9
6. Population Served** & PD	PEOPLE	3.128	3.791	3,532	2 (12.9)	3,178	1.61	3,059	1 - 2.21
7. Effective Population*** & PD	PEOPLE	1.582	1.851	17.01	1 (8,2)	1,589	17.0	1,542	1 - 2.51
8. En Consumption/Pap Served Ib PD	MBTUCAP	253.8	234.9 1-	7.41 263.	3.1 1 3.71	298.7	17.71	285.7	12.6
8. En ConsumptionEff Pop & PO	MBTUCAP	501.8	481.1 1-		543.1 (8.2)	597.5	11.11	266.7	(12.9)
0. Electric &n Consumption/Resident Population	MBTUCAP	274.7	343.6 (25.11 40	406.0 (47.8)	418.5	1 52.31	379.4	(38.1)
11. Inesaffed Air Cond Capacity & PD	TONS	1.305	1 676 1	1,794	4 (37.5)	1,794	(37.51	1,794	137.51
12. Bac Energy/Ton of Air Cond & PO	METUTON	170.3	7 7.551	8.8) 181	1.3 (6.4)	185.2	18.81	165.6	1 - 2.81
3. Rest Property Inventory (PPT) 8 PD	KSF	5,434	5,433	0 1 5,287	7 (-2,7)	5,287	1-2.71	5,288	1 - 2.71
14. RPVEMective Population	KSFICAP	3.43	2,94 (-	-14.51	3.09 (-10.0)	3.33	1-3.11	3,43	1 - 0.21
5. Energy Consumption/GSF & PD	BTUGSF	146,075	163,915	12.21 175,765	5 (20.3)	179,575	1 22.91	165,244	(13.1)
18. Thermal En Consumption/GSF & PD	BTUGSF	105,174	1 08 184 (2.911 114,247	•	116,724	11.01	109,001	4 3.7)
7. Electrical En Consumption/GSF & PO	BTUKGSF	40.903	182,38	36.311 61.517	7 (50.4)	62,851	(53.7)	56,183	1 37.41
B. RFI by Category	KSF ASM	*******	****	***	****	\sim	×××	$\stackrel{>\!\!\!>}{\sim}$	$\overset{\otimes}{\otimes}$
Training	KSF.	2			2	2 🖛			
Meinsenance & Production	KSF	768	89.2	768		768		768	
Research, Development & Testing	KSF	-				-		f	
Storage	KSF	3,806	672, 5	_		-		1	
Other Covered Storage	KSF	Not Available Separately-Included Above		BASE 3,431	1	3,431		3,431	
Hospital & Medical	KSF	9	9		9	9		9	
Administration	KSF	259	987	87	9	987		786	
Destroitor Housing	KSF	62	35	79	γ.	79		79	
Consmunity Facilities	KSF	176	9/1	176	9	176		176	
Farmily Househop	KSF	211	211	211	1	211		211	
Operational Buildings	KSF	1				_		-	
Utility Buildings	KSF	143	143	[143	3			143	
000	KSF	Not Available BASE				143			7

FY 76 ECIP - Condensate Recovery - \$128,000 - Completed October 1977

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUL	-	MILITARY TRAFFIC MGT CMD	MACOM MTMC	_ CLIMATIC REGION 4 HDD 2,384 CDD 1,565	2,384 CD0 1,565	
			(OTHEK)	-	-	-	-
	UNITS/FY	ĸ	2	u	2	, R	Τ
1. Energy Consumption to PD	UTBA	700 479	(9.07-) 500 917	117 713 (-54 6)	302 304 1 -56 8 1	308 003 1-55 0	Ŧ
2. Thermel En Con , & PD	MBTU	429,409		99		483	-1-
3. Electrical En Cone & PD	METU	271.070	198,495 (-26,81	ľ	ľ	220	-[-
4. Resident Population & PO	PEOPLE	429		l	Ī		T-
5. Non-Registers Production & PD	PEOPLE	3.369	2.457 (-27.11)		-		T-
6. Population Served** & PD	PEOPLE	3.798	-		1	T	1-
7. Effective Population*** & FD	PEOPLE	1.552	1-21		1		Ŧ
8. En Consumption/Pap Survey & PD	MBTUCAP	184.4	.2 (-18	-	,		-T-
9. En Consumption Eff Pop & PO	MOTUCAP	451.3	2 (-2%		П	T	-1-
10. Electric En Consumption/Resident Population	MBTUCAP	631 9	ľ	,	,	Ţ	-1-
11. Installed Air Cond Capacity & PD	TONS	288	-	Г]	,	-1-
12. Blec Energy/Ton of Atr Cond & PD	METUTON	0 197		Т	٠	٠,	-1
13. Real Property Insurany (RPS & PD)	50.2		7	۹		562.2 (21.9	-1
14. MARTINISTO Production	rcer an	7/4-0	Ί.	250	-1	١	-1
	2	3.45	7	3,22 (-41,0)	2.85 4-	2.98 (-45.5	_
	Brucs	82,682	67.076 (-18.9)	90,259 (9,2)	16,571 1-7,41	78.213 1- 5.4	1-
	BTUGSF	50,686	35,071 (-30,8)	37,955 (-25,1)	34,620 (-31, ')	33,588 (-34.1	T-
CA & SSS-anded	BTUGSF	31 996	32,005 (0,0)	52,305 (63,51	41.951 (311	44,825 1 40.1	Τ-
, and a	KSF	***************************************					K
	KSF				-	*****	X
	KSF	259	129	130	128	128	Т
. Development & Testing	KSF	_	ų.				Т
Service	KSF	5.862	4.108				Т
Other Covered Storage	ZS.	Not Available Separately-Included Above	BASE BASE	2,344	2,545	2.545	Т
Hospital & Medical	KSF	29	1.8	18	18	18	Т
Administration	KSF	1.462	1.094	438	458	563	Т
Dechetor Housing	KSF	249	156	191	70%	207	Т
Community Facilities	KSF	330	304	216	207	207	Т
Fernity Housing	KSF	172	167	167	167	167	Т
Operational Buildings	18 2	16	12	. 12	12	12	т
Utility Buildings	KSF	19	1				Т
	KSF.	Not Available BASE	214	7	209	76	1
							ì

MENAMUS Includes all MTMC activities except Bayonne Military Ocean Terminal, NJ, which is reported separately.

U.S. Army - ANALYSIS OF ENERGY	SY CONSUM	CONSUMPTION - INSTALLATION	FT. SHAFTER, HI	MACOM WESCOM	CLIMATIC REGION 6 HDD	0 CDD 4,221
	-	-	-	_	_	
	LINUTSOFY	P	R		R	R
Constitution of the Consti	MBTU	732 711	725.315 1-1.01	764.155 (4.3)	1,036,907 (41.51	1,200,689 (+64)
	MATERIA	168 527	166 873 1- 1 01	168 115 1- 0.2 1	155,537 1-7,71	144,083 (-15)
	MRTU	564, 187	492 (- 1	596.040 1 5.6 1	881,370 (56.2)	1,056,606 (+87)
•	BEORE E	055.5	603	5.224 1- 5.9 1	18.479 (34.81	-
£	2000	01/0	1	4.541 (-51.7)	4,377 (-53.51	4,113 (-56.3)
	10036	046 71	394	9,765 (-34.7)	11,856 (-20.7)	13,062 (-12.7)
\$	1		533 (- 1	6,738 (-22,4)	8,938 (2.9)	10,320 (18.%)
8	MARTINEAR		50.4 (2.9)	78.21 59.8 1	87.4 1 78.61	41.94 87.74
	MATUCAP		85.0 (0.81	113.4 (34.4)	116.0 (37.5)	116.31 37.91
Pendelin	MATINCAP			114.1 (12.2)	117.8 (15.91	118.11 16.11
	TONS	}^	-	4,230 1 44,91	4,469 (53,11	4,491 (53.8)
_	MBTUTON		145.6 1-24.61	140.94-27.1 1	197.2 (2.11]	235.31 21.81
	#S#	ė	6,966 (7.01	6,698 (2.9)	7,232 (11.11	10,238 (57.3,
	KSFICAP		.821 8.91	1 7.28 99.	.810	.99 32.4
200	8TU/GSF	112,586	104,122 (- 7.5)	114,087 (1.3)	143,378 (27.3)	117,278 1 4.2,
8	BTU/GSF		23.948 1-7.51	25,099 (- 3.1)	21,507 (-16.9)	14,073 (-45.6)
	BTUGSF	86.691	نا	88,988 (2.6)	121,871 (40.6)	103,204 (19.0a
	KSF					
	KSF	143	145	145	152	152
nes & Production	KSF	340	326	259	320	301
Teating	KSF		,		1	1
	*SF	1.581	1,595	265	265	194
wared Storage	KSF	Not Available Separately-Included Above	BASE	1,299	1,920	1,744
	KSF	813	813	803	803	777
	KSF	\$25	586	575	628	611
	KSF	758	37.7	359	366	373
•	JS.¥	372	1 194	1.078	1,104	1,094
1	KSF	1, 503	1.478	1,463	1,437	4,831
	¥S¢	857	416	416	132	103
	KSF		36	36	36	32
	KSF	Not Available BASE			69	59

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION Schof feld Barracks.	GY CONSUMP	TION - INSTALLATION S	chofield Barracks, HI	MACOM VESCOM	CLIMATIC REGION C HDD	CD0 - 1,7.7.1
		1 T			1 -1 -1 -1	
	UNITS/FY	ĸ	R	ш	£	R
1. Energy Consumption & PD	MBTU	1.838.189	1,473,160 1,-19,91	1.518.103 (-17,4)	1,566,259 (-14,8)	1,616,514 (-12.0)
2. Thermal fin Cons & PD	MBTU	165,438	147 316 (-11.0)	151.811 (- 8.2)	172,289 (4,1)	177,817 (+7.5)
3 Electrical En Come & PD	MBTU		1 325 844 (-20.7)	1.366.292 (-18.3)	1.393.970 (-16.7)	1.438.697 '-14.0
4. Resident Population & PD	PEOPLE	20.652	23.7	720	268	24.269 1 17.51
٤	PEOPLE	5.073	-	-58	2,089 (-58.81)	2,177 (-57.1)
8. Population Served** & PD	PEOPLE	25,725	25,797 (0,31	25,849 1 0.51	26,357 (2.5)	26,446 1 2.8
٤	PEOPLE	22,343	22,290 1-0,21	24,430 1	24,964 (11.7)	24,995 (11.9
8. En Consumption/Pap Served & PD	MBTUCAP	71.5	57,1 (-20,1)		18.91-1 7.65	61.1(-14.5)
	MBTUCAP	82.3	66.1 (-19.7)		62.7 1-23.71	64.7 (-21.4)
mt Population	MBTUCAP	81.0	64.61-20.31		57.4 1-29.11	59.31 -26.81
	TOMS	4,679	5.591 (19.51)	9	6,054 1 29.41	6,021 (28.7)
	METUTON	357.5	237.1 (-33.7)		230,3 (-35.6)	238.91 -33.21
	KSF	11,041	11,750 (6.51	12,147 (10,0)	12,557 (13.7)	12,610 (14.2)
14. RPVEHective Population	KSF/CAP	67.	.53	. 50 DS.	18.1 105.	.50 2.11
15. Energy Consumption/GSF 8 PD	BTU/GSF	166,488	125,279 (-24,8)	124,977 1-24.91	124,731 (-25.1)	128,193 (-23.0)
16. Thermal En Consumption/GSF B PD	BTU/GSF	14,984	12,528 (-16,4)	12,498 (-16.6)	137.211 - 8.41	14,101 (- 5.9)
17. Electrical En Consumption/GSF to PO	BTU/GSF	151,504	112,751 (-25.6)	112,479 (-25.8)	111,011 (-26.7)	114,092 (-24.7)
18. IPP by Category	KSF					
Training	KSF	95	108	132	135	145
Maintenance & Production	KSF.	737	198	808	808	808
Research, Development & Testing	KSF	1	_	1	250	
Storage	KSF	972	1,357	374	374	376
Other Covered Storage	KSF	Not Available Separately-included Above		979	991	981
Hospital & Medical	KSF	104	116	120	120	112
Administration	KSF	335	339	267	259	261
Bechelor Housing	KSF	2,137	2,129	1,941	1,406	1,960
Community Facilities	KSF	906	776	1,009	1,011	1,016
Farrally Househo	KSF	4,853	4,887	5,857	5,858	5,905
Operational Buildings	KSF	902	965	888	656	959
Untity Buildings	KSF		47	47		9
Oble	П	Not Available BASE		56	59	26

U.S. Army - ANALYSIS OF ENERGY	GY CONSUMPT	CONSUMPTION - INSTALLATION	FT. BRAGG, N.C.	MACOM TORSCOM	CLIMATI	CLIMATIC REGION 4 HD	HDD 3,105 CDD 1,760	.67
	_	1 1 7		11	1 1	W W	₽	_
	UNITS/FY	æ	R	и		₽.	æ	
1. Energy Consumption & PD	MBTU	5.625.140	5.454.489 (- 3.0	1 5.463.948 (2.91 5.874.248	17.7 1 8	5,564,844	(- 1.1)
2. Thermal En Cone & PD	MBTU	3 037 576	2.727.245 (-10.2	2,622,696	-13.7 1 2.937.124	1 2 3 3 1	2,671,126	(-12.0)
3. Electrical En Core & PD	MBTU	2,587,564	2,727,244 1 5.4	1 2,841,252	9.81 2,937,124	13.51	2,893,718	(12.0)
4. Resident Population & PO	PEOPLE	33,680	34,517 (2,5	35,003	3,91 34,515	(2.5)	33,064	(-1.8)
5. Non-Resident Population & PD	PEOPLE	8,015	9,888 (23,4	8478	18.31 9,208	14.91	8,427	5.11
6. Population Served** & PD	PEOPLE	41.695	44,405 (6.5	187.77	6.71 43,723	16.41	41,491	15°U -)
7. Effective Population*** & PD	PEOPLE	36,352	37,813 (4.0	38,162	5.01 37,584	-	35,873	1-1.31
8	MBTU/CAP	134.9	122.8 1-8.9	122.8	1 8.91	134.3 (- 0.4)	134.1	15.0-1
	MBTUCAP	154.7	144.2 (- 6.7	143.2 (-	1 7.51	156.3 (1.0)	155.1	1 0.23
10. Electric En Consumption/Resident Population	MBTU/CAP	76.8	79.0 (2.8	81.2		-	87.0	13.91
11. Inesalted Air Cond Capacity & PD	TONS	15.696	19,285 (22.9	19,364	23.41 20,075	15 (27.91	20,431	30.21
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	164.8	141.4 1-14.2	146.7	1-11.0)	146.3 (-11.2)	141.6	(-14.1)
	KSF	20,538	21,950 (6.9	21,988	7.11	7.1	22,101	19.7
	KSF/CAP	0.56	0.58 (2.7	0.57	2.01	0.59 (3.6)	ر. 9	10.6
15. Energy Consumption/GSF is PO	BTUMGSF	273,889	248,496 1- 9.3	248,497	9.31 266,963	53 1- 2.5 1	251,792	1 - 8.1
16. Thermal En Con :emption/GSF & PD	BTU/GSF	147,900	124,248 (-16.0	119,278	-19,41 133,48	1 - 9.7 1	120,860	(-18.3)
17. Electrical En Consumption/GSF & PO	8TU/GSF	125.989	124,248 (- 1.4	129,218	2.61 133,481	11 (5.9)	130,931	3.91
18. RPI by Category	X.	∞		\sim	∞	$\overset{\circ}{\sim}\overset{\circ}{\sim}\overset{\circ}{\sim}$	$\stackrel{\circ}{\sim}$	X X
	KSF	699	776	726	7	729	732	
Maintenance & Production	KSF	1,213	1,261	1,344	1,379	6,	1,437	
Research, Dev. Jopment & Teating	KSF	38	38	38		38	38	
Storage	KSF	1,481	1,455	[61		51	29	
Other Covered Storage	-	Not Available Separately-Included Abovi	Above	1,	1,372		1,340	
Hospital & Medical	KSF	176	776	099	9	653	879	
Administration	KSF	696	1,061	866	1,041	1	1,116	
Bechelor Housing	KSF	7,097	7,385	7,344	16,7 131		7,317	
Community Facilities	KSF	1.539	1,603	1,580	1,577	7.	1,521	
Farnity Housing	KSF	5.975	6,726	7,031	7,031	11	7,031	
Operational Buildings	KSF	637	979	633	9	637	769	
Chillry Buildings			179	179	1	170	170	
Other	ı	Not Available BA	BASE 44	42		67	67	

FY 76 ECIP - Insulation and Weatherproofing - \$2,046,027 - Completed March 1976mn b Normander FY 77 ECIP - Install Mercury Vapor Lighting \$217,000 - Completed (estimated) June 1978

FY 77 Family Housing ECIP Improvements - \$238,980 - Completed (estimated) October 1978

ARMY FACILITIES ENGINEERING SUPPORT AGENCY FORT BELV--ETC F/G 13/1 ARMY ENERGY DATA ANALYSIS.(U) AUG 80 USAFESA-TS-2088 NL AD-A091 723 UNCLASSIFIED 2#3 #::::::::

I S Arm - ANALYSIS OF ENERGY	SY CONSUM	CONSUMPTION - INSTALLATION	FT. CAMPBELL, KY	MACOM FORSCOM	CLIMATIC REGION .	₽ ₽	HDD 4,290 CDD 1,472	- 2
		- -	- -	⊳	-	-		_
	UNITS/FY	¥	R	"	R		R	
1. Energy Consumption & PD	MBTU	3 158 466	1 4.05 779 1 7.8 1	3.805.123 (20.5)	3,965,901	25.6 1	3,896,415	1 23.01
	MBTU	1 737 157	1 907 237 1 9.8 1	1 978 664 (13 9 1	-	1,0.5	1.831.316	5.41
	JUBTO	1,421,309	1,498,542 (5,4)	1,826,459 (28,5)	7,141,586	50.7 1	2,065,099	45.01
0	PEOPLE	29.132	29.794 (2.3)	32,192 (10.5)	33,818 (16.1	32,812	12.61
2	PEOPLE	5.924	6,165 (4,1)	6.022 (1.7)	1 061.9	4.5 1	5.872	1.6.0-1
	PEOPLE	35.056	35,959 (2,6)	38.214 (9.0)	800*07	14.1.1	38,684	10,31
£	PEOPLE	31,107	31,849 (2,4)	34,199 1 9,91	35,881	15.3 1	34,769	11.81
2	METUCAP	90.1	94.7 (5.1)	99.6 1 10.51	99,1	10.01	100.7	11.8
	METUCAP	101.5	106.9 (5.3)	111.3 (9.6)	5	8.91	112.1	10.41
To Providentes	MBTUCAP	8-87	50.3 1 3.1 1	56.7 1 16.31	63.3	29.8 1	62.9	1 29.01
	TOMS	6.906	8,111 (17,4)	17,985 (160,4)	19,503	1182,4 1	19,731	185.71
_	METUTON	205.8	184.8 (-10.2)	9.	109.8	1.9.97	104.7	1.49.11
	KSF	13.501		15,963 (18,2)	16,544	22.51	16,643	23.31
	KSFICAP	0.43	0,42 (- 2,0)	15.7 1 7.51	97.0	6.2)	87.0	10.31
50.00	BTUGSF	233,943.1	251,441,8 (7,5)	238,371.4 (1.9)		2.5 1	234,117.3	0.11
Ş	BTWGSF	128.668.8	140,807.5 1 9,41	123,953.1 (- 3.7)	_	1-14.3 1	110,035.2	(-14.5)
	BTUNGSF	105.274.4	L	114,418,3	129,447,9	23.0 1	124,082.1	17.91
	KSF			******		$\overset{\circ}{\otimes}$	****	
	KSF	542	995		509		515	
Meinements & Production	KSF	1.420	1,424	1,484	1,524		1,557	
Teating	KSF				,		•	
Storage	KSF	1,258	1.258	337	337		337	
Other Covered Storage	KSF	Not Available Separately-Included Above		926	925		928	
Hospital & Me Josi	KSF	627	627	635	635		679	
	KSF	373	373	395	340		313	
P	KSF	286 4	4.310	4-621	4,770		4.884	
Community for Billing	KSF	068	206	1.059	1,087		1,114	
Fernity Housing	KSF	3.576	3,581	5,717	6,106		5,980	
*	1St	164	232	244	253		300	
Uniting Buildings	KSt	1/1	298	58	. 58		99	
	KSF	Not Aveilable BASE						

PY 76 ECIP - Energy Conservation Alterations \$91,269 - Completed June 1977

PY 77 Family Housing ECIP Improvements - \$224,978 - Completed (estimated) October 1978

U.S. Army - ANALYSIS OF ENERGY	GY CONSUM	CONSUMPTION - INSTALLATION FT, CARSON CO.	FT. CARSON, CO.	MACOM FORSCOM	CLIMATIC REGION 2 HDD 6,373 CDD	D 6,373 CDD 692
	UNITS/FY	£	æ	Ħ	ĸ	R
1. Energy Consumption & PO	MBTU	2,658,784	2,555,003 (- 3.9)	2,396,613 (- 9.9)	2,298,186 (-13,61	2.415.360 (- 9.2)
2. Thermed En Corte & PD	UTBM	1.834.561	1,686,302 (- 8.1)	1,533,833 (-16.4)	1,424,876 (-22.3)	1,569,984 (-14.0)
3. Elecatical En Come & PD	MBTU	824.223	868,701 (5,4)	862,780 (4.7)	873,310 1 6.01	845,376 (2.6)
•	PEOPLE	16.850	16 255 (- 3.5.)	16.531 1.91	12.4 -1 841.61	15.905 (- 5.6)
5	PEOPLE	24.224	24.289 1 0.3 1	23,350 (- 3.6)	-	L
8. Population Served** & PD	PEOPLE	41.074	40.544 (- 1.3)	<u> </u>	38,034	34,315 (~16.5)
7. Effective Population*** & PD	PEOPLE	24,925	24,351 (- 2,3)	_		
B. En Consumption/Pap Served & PD	MBTUICAP	2.49	٠, ٥	60,1 1-7,21	<u>-</u>	10.4 (8.7)
	MBTU/CAP	1.901	104.9 (-1.5)	19.6 1 - 7.61	98.0 (- 8.1)	109.6 (2.7)
10. Electric En Consumption/Resident Population	MBTUCAP	6-87	53.4 (9.21)	52.2 (6.71	19.01 1 10.61	53.2 1 8.71
11. Inscalled Air Cond Capacity & PO	TONS	3.629	3.745 (3.2)	3,950 (8,8)	1.6.14) 051.5	4,996 (37,71
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	227.1	232.0 (2.1)	218.4 1 - 3.81	169.6 (-25.3)	169.2 (-25,5)
	KSF	10,579	11,111 (5.0)	10,937 (3,41	11,	12,195 (15,3)
14. REVERsestive Population	KSFICAP	0.42	1 0.46 1 7.51	10.45 (6.0)	0,49 (16,5)	0.55 (30.31
15. Energy Consumption/GSF & PD	BTUKGSF	251,327	229,953 (- 8,51	219,129 1-12,81	198,256 (-21,1)	198,062 (-21.2)
	BTUGSF	173,415	151,769 (-12,5)	140,242 (-19,1)	122,918 (-29,1)	128,739 (-25.8)
17. Elecarical En Consumption/GSF & PD	BTUKGSF		78.183 (0.31	78,886 (1,2)	75,337 (- 3,3)	69,321 (-11,0)
18. RP1 by Casagory	KSF					
	KSF	633	501	541	737	860
Maintenance & Production	KSF	8711	1.087	1,099	1,178	1,182
Nesserch, Development & Teating	KSF			_	=	
Storage	KSF	533	527	42	47	47
Other Covered Storage	KSF	Not Available Separately-Included Above		637	632	645
Hospitzi & Medical	*SF	579	699	711	555	556
Administration	KSF	285	285	292	907	406
Bechelor Housing	KSF	₹90~€	3.791	3,049	77176	3,105
1	KSF	068	890	883	876	976
Family Housing	KSF	2.666	2.666	2.791	2,735	2,746
Operational Bt. drugs	KSF	797	777	801	969	992
	KSF	250	189	27	179	122
Other	KSf	Not Available BASE	6.2	64	62	588

FY 76 ECIP - Storms, Insulation and Heating Controls - \$509,410 - Completed June 1977 FY 77 ECIP - Insulation and Electrical Alterations - \$591,217 - Completed (estimated) June 1978 FY 77 Family Housing ECIP Improvements - \$676,587 - Completed (estimated) June 1978

11 S Army - ANALYSIS OF ENERGY		CONSUMPTION - INSTALLATION	FI. DEVENS, MA	MACOM FORSCOM	CLIMATIC REGION 2 HDC	HDD 6,475 CDD 560	
		-	-	-	- →	△	
	UNITS/FY	ĸ	R	n	R	R	
1. Energy Consumption 6 PD	MBTU	1.772.353	2,330,409 (31,5)	2,364,765 (33,4)	2,329,058 (31.4)	2,077,663	17.0)
2. Thermal En Corre & PD	UTBM	1.240.648		1,678,984 (35,3)	1,653,632 (33,3)	1,392,035	12.0
3. Electrical En Cone & PD	MBTU	531, 705	675,818 (27,1)	685,781 (29,0)	675,426 (27,0)	685,628	29.01
4. Resident Population & PD	PEOPLE	12_908	12 393 (- 4.0)	878 '-	12,618 (- 2,2)	14,360	11,21
5. Non-Resident Population & PD	PEOPLE	2,696	1 271 (-52,9)	1.807 (-33.0)	1,786 (-33,8)	8,363 (2	210.21
6. Population Served** & PD	PEOPLE	15,694	ľ.	13,685 (-12,3)		22,723	45.61
7. Effective Population*** B PD	PEOPLE	13.807	12.817 (- 7.2)	12,480 (- 9,6)	13,213 (- 4,3)	1 871	24.21
& En Consumption/Pop Served & PD	MBTUICAP	113.6	170.6 (50.2)	172.8 (52.1)	161.7 (42.4)	- 1 7.76	-19.51
9. En Consumption/Eff Pap & PD	MBTU/CAP	128.4	ľ	189.5 1 47.61	176.3 (37.3)	121.2 1	19.5
10. Electric En Consumption/Resident Population	MBTUCAP	41.2	54.5 (32.4)	57.7 1 40.21	53.5 (29.91) 4.74	15.91
11. Installed Air Cond Capacity & PO	TONS	1.870	2.468 (32.0)	3,130 (67,4)	3,153 (68,61	3,171	69.69
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	5.482	8	219.1 (-22.9)	214.2 1-24.71	216.2 (-	-24.00
13. Real Property Inventory (RPI) & PD	KSF	10.733	-	11.208 1 4,41	10,911 1.71	11,040	2.9)
14. IPPIEMective Population	KSF/CAP	.78	.92 (18.5)	15.51 1 06.	,83 (6.21	- 1 79.	-17.11
15. Energy Consumption/GSF & PD	BTU/GSF	165,131.2	197.408 (19.5)	210,989 (27,8)	213,459 (29.31	-	14.0
16. Thermel En Consumption/GSF & PD	BTU/GSF	115,591	140,160 (21.3)	149,802 (29,6)	151,556 (31,1)	126,090 (9.1)
17. Electrical En Consumption/GSF & PO	BTUIGSF	685 67	-	-	61,903 (25,0)	62,104	25.41
18. RPI by Catagory	KSF					***************************************	8
Training	KSF	527 1	1.428	1.290	1.441	1,476	
Maintenance & Production	KSF	873	749	803	762	171	
Research, Development & Testing	KSF	-	1	_		14	
Storage	KSF	607	744	119	124	129	
Other Covered Storage	KSF	Not Available Separately-Included Above		569	543	519	
Hospital & Medical	KSF	164	168	164	160	165	
Administration	KSF	256 1	2, 532	2.491	1,955	1,954	
Bechelor Housing	KSF	1,835	2.157	1.548	1,979	1.942	
Community Facilities	KSF	619	630	713	646	648	
Fernity Housing	KSF	3.024	3.048	3,123	2.996	3,082	
Operational Buildings	KSF	. 55	222	278	240	228	
Utility Buildings	KSF	2.2	5.8	96	4.7	72	
Other	KSF	Not Available BASE		1.4	18	4.0	
		all most columnad at Co.	as Very	the total Besident & Man Besident Broade		1 O the Besiden	

FY 76 ECIP - Storms and Energy Conservation Alterations - \$232,742 Completed (estimated) November 1977

FY 77 Family Housing ECIP Improvements - \$615,550 - Completed (estimated) October 1978

and provide the

Foreign Communition is PO Service Foreign Communition is PO Se	U.S. Army - ANALYSIS OF ENERGY	EV CONSU	CONSUMPTION - INSTALLATION	FT DRUM N.Y.	MACOM FORSCOR	CLIMATIC REGION T HOU 1.601 CUD 452	759 000 109-7
Mariu 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 1				1 1 1	. 1 . 1 . 1		
Matter 1,000		UNITS/FY		R	u	R	R
MeTU 229,055 223,264 -2.51 281,957 1.21,112 1.21,81 242,581 1.250 1.21,112 1.21,81 242,581 1.250 1.21,112 1.21,81 242,581 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112 1.21,112		MBTU	L	772 (1	.660 (14	613	-
Mathematics 203,124 214,508 5,61 212,703 14,71 251,412 23,281 242,681 1		UETO		223,264 (- 2,5)	281,957 (23,1)	- -	-
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NEW COPPLE 3,004 3,226 1 7,41 3,131 4,21 3,863 1,28,61 4,360 1,004 1,313 1,004 1,313 1,004 1,313 1,004 1,313 1,004 1,313 1,004 1,313 1,004 1,313 1,004 1,313 1,004 1,313 1,004 1,004 1,313 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004 1,004		PEOPLE		-	3,923 (5,41	-	-
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KSF 28 111 111 114 KSF 26 172 172 172 KSF 65 2,049 2,075 2,064 2,064 KSF 137 4,52 4,23 2,064 2,054 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 2,064 <t< th=""><th></th><th>KSF</th><th>Н</th><th></th><th>643</th><th>625</th><th>679</th></t<>		KSF	Н		643	625	679
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KSF 65 2,049 2,075 2,064 2, KSF 137 4,51 4,52 4,23 2, KSF 180 182 182 182 182 KSF 18 13 13 13 KSF Nor Available 5 2 2 KSF Nor Available 8.4SE 3 11		KSF		172	172	172	170
KSF 137 451 452 423 KSF 180 182 182 182 KSF 18 13 13 13 KSF Not Available BASE 3 11		KSF		2,049	2.075	2,064	2,055
KSF 180 182 182 182 KSF 18 13 13 13 KSF Nor Aurelebie BASE 3 11 13	4	KSF		157	452	423	436
KSF 18 13 13 13 KSF No Available BASE 2 2 2 KSF No Available 3 3 11		KSF		182	182	182	182
KSF Not Available 5 28 28 28 28 KSF		KSF		13	13	13	6.
KSF Not Available BASE 3 3 11		KSF]	28	28	28	27
		KSF	Nor Aveilable	3	. 3	11	6

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U.S. ATMY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	SY CONSUMP	TION - INSTALLATION	FT. CREELY. AK	MACOM FORSCOM	CLIMATIC REGION 1 HDD 13, 698 CDD	13,698 CDD 34
	7	1 -1 . 1 1	1 - 1 - 1 - 1 - 1	1	1 1 1	• 1
	UNITSIFY	ĸ	R	ш	R	£
1. Energy Consumption & PO	Metu	485.715	485,086 1-0.11	475,590 (- 2.1)	456,096 (- 6.11)	427,681 (-11.9)
2. Thermal En Cone B PD	MBTU	415.825	453,650 (9,1)	422,300 (1,6)	419,150 (0.81	387,000 1 - 6.9
3. Electrical En Core & PD	U-BATC	69.890	31,436 (-55,0)	1-23	36,946 (-52.91	40,681 (-41.8)
4. Resident Population & PO	PEOPLE	1.545	1.811 (17.2)	1,880 (21.7)	1,669 (8.0)	1,639 (6.1)
5. Non-Resident Population & PO	PEOPLE	277	251 (- 9.4)	280 (1.1)	-	873 (215.2)
8. Population Served** & PD	PEOPLE	1.822	2,062 (13.2)	2,160 (18.6)	1,961 1,7.61	2,512 1 37.8
7. Effective Population*** & PD	PEOPLE	1,637	1,895 (15.8)	1,973 (20.5)	1,766 1 7.91	1,930 1,1,9
8. En Consumption/Pop Served & PD	MBTUCAP	266.6	17.11-1 235.2	220.1 1-17.4 1	232.6 1-12.81	170.3 (-36.14
9. En Consumption Eff Pop & PO	MBTUCAP	296.7	256.0 (-13.7)	241.0 (-18.8)	258.3 (-13.0)	15.52- 1 9.122
10. Electric En Consumption/Resident Population	MBTU/CAP	45.2	17.4 (-61.6)	28,3 (-37,3)	22.1 (-51.1)	24.8 (-45.1)
1. Installed Air Cond Capacity & PO	TONS		1	()	2 (1	32 ()
12. Elec Energy/Ton of Air Cond & PD	MBTUTON		() -	() +	1	
3. Neal Property Inventory (RPT) 6-PO	KSF	1.506	(6.4) 085.1	1,587 1 5,41	1,587 (5.4)	1,557 (3.4)
4. MNEHective Population	KSFICAP		(7'6 - 188' -	,80(-12.6)	06.	.814 -12.34
S. Energy Consumption/GSF & PD	BTUVGSF	322,520	307.016 (- 4.8)	299,679 (- 7,1)	287,395 1-10.91	274,683 (-14.84
6. Thermal En Consumption/GSF & PD	8TU/GSF	276.112	287.120 (4.0)	266,100 (- 3.6)	,	248,555 (-10.0
7. Electrical En Consumption/GSF & PD	8TU/GS#	46-408	16.896 (-57.1)	33,579 (-27.6)	23,280 1-49,81	26,128 (-43.7)
8. APP by Casegory	KSF	******	****			
Training	KSF					
Maintenance & Production	KSF	195	178	178	178	180
Research, Development & Testing	KSF	99	25	- 23	57	7.3
Storage	KSF	167	147	16	91	15
Other Covered Storage		Not Available Separately-Included Above	n BASE	131	131	811
Houpital & Medical	KSF	12	1.2	12	12	17
Administration	KSF	35	07	07	07	20
Bachelor Housing	KSF	245	251	251	251	224
Community Facilities	KSF	134	125	125	125	173
Family Housing	¥St.	593	589	589	589	290
Operational Buildings	KSF	26	- S	5		<u>51</u>
Utility Buildings	KSF	28		172	172	85
- Opt		Not Available BASE	1	7	7	5

FY 77 Family Housing ECIP Improvements - \$183,305 - Completed (estimated) October 1978

II S. Army — ANALYSIS OF ENERGY CONSUMPTION — INSTALLATION	Y CONSUM!	PTION - INSTALLATION	FT. HOOD, TX	MACOM FORSCOM	CLIMATIC REGION 6 HDD1,959	.,959 CDD 2,792
	_	-			, I	
	UNITS/FY	IR.	R	u	P	£
1. Energy Consumption & PD	MBTU	4.117.156	4.180.358 (1.51	4,669,447 (13,41	4.855.367 (17.91)	4.298.246 1 4.41
2. Thermel for Core & PO	URBTU	1.893.892	1 839 358 1- 2.91	2,007,863 (6,0)	1,893,594 (0)	1,891,229 (-0.1)
3. Bacarical for Cone to PO	MBTU	2.223.264	2,341,000 (5,3)	2,661,584 (19,7)	2,961,773 (33,2)	2,407,017 (8.3)
4. Resident Population & PD	PEOPLE	38,105	1 4 7 1 1 1 1 1 1 1 1 1	10.41 1 245.64	43,021 (12,9)	41,467 (8.8)
5. Non-Resident Population & PO	PEOPLE	23.771	25,133 (5,7)	25,853 (8,8)	25,209 (6,0)	25,300 t 6.41
	PEOPLE	61.876	1 66.040 1 6.71	69,298 (12,0)	68,230 (10,3)	66,767 (7.9)
7. Enective Population*** & PD	PEOPLE	46,029	49,285 (7.1)	52,063 (13,1)	51,424 (11.7)	49,900 1 8.41
8. En Consumption/Pap Served is PO	METUCAP	66.5	63.3 (- 4.91	67.4 (1.3)	71.2 (6.9)	64.4 (- 3.2)
8. En ConsumptionEtt Pap & PO	MBTUCAP	7.68	84.8 (- 5.2)	89.7 (0.3)	19.5 1 5.61	86.1 (-3.7)
10. Electric fin Contemption/Pasident Population	MBTUCAP	58.3	57.2 (- 1.9)	61.2 (5.0)	68.8 (18.0)	58.0 (- 0.5)
11. Installed Air Cond Capacity & PO	TONS	22,942	27.004 (17.7)	19,75 1 172,15	32,897 (43,41	33,153 (44.5)
12. Bes Energy/Ton of Air Cond & PD	MBTUTON		86.7 (-10.5)	84.3 (-13.0)		72.6 1 -25.01
13. Real Property Inventory (MPB & PD	KSF	18,110	19,959 (10,2)	11,348 1 17,91	21,784 (20,31	23,035 (27.21
14. REVERBOOKs Population	KSFICAP	.39	401 2.91	(2,4) 14,	.42 (.46 (17.3)
15. Energy Consumption/GSF & PD	BTUKESF	227.341.6	209,447,3 (- 7,9)	218,730,0 1 - 3,81	80	
16. Thermal fin Consumption/GSF B PD	BTUKSF	104,577,1	156.8 (-11	(-10.1)	86,925.9 (-16.9)	82,102.4 1-21.51
17. Elecated En Consumption/GSF & PD	BTUKGSF	122 764.4	117,290,4 1-4.5 1	124,676,0 (1.6)	135,960,9 (104,493.9 (-14.9)
18. RPI by Category	KSF				*****	
Training	KSF	539	583		199	685
Maintenance & Production	KSF	2.041	2.063	2,114	2,161	2,208
Research, Development & Tembrg	KSF		•			
Storage	KSE	1,132	1,187	291	291	291
}	KSF	Not Available Separately Included Above	Me BASE	688	906	920
Hospital & Medical	KSF	375	377	107	399	410
Administration	KSF	732	733	732	735	749
Bechelor Housing	KSF	6.548	6.511	6,726	7,020	7,293
Community facilities	KSF	1,558	1.693	1,756	1,759	1,755
Farmily Househop	KSF	4.774	6.402	17872	7,402	8,280
Operators Buildings	KSF	307	302	338	338	338
Utility Buildings	KSF	104	108	110	95	84
	KSF	Not Available BASE			171	22

FY 77 ECIP - Heating System Improvements - \$277,048 - Completed (estimated) June 1978

**Population Served is the total Resident & Non-Resident Popu

3 %

U.S. ATTY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	SY CONSUM		FT. SAM HOUSTON, TX.	MACOM_EORSCOM	CLIMATIC REGION 6 HDD 1.570 CDD 2.994	1,570 CDD 2,994
•		-				
	UNITS/FY	ĸ	R	7	R	R .
1. Execu Consumetion B PD	MBTU	1 986 262	1.896.837 1- 4.51	1,928,900 (- 2.9)	1,932,674 (- 2.7)	1,803,896 (- 9.2)
2. Thermal En Core & PO	MBTU	715.055	606,988 (-15.1)	655,826 (- 8.3)	-)	559,208 (-21.8)
3. Becarios for Core & 70	Wetu	1 271 207	1.289,849 (1.51	1,273,074 (0.1)	1,333,545 (4.9)	1,244,688 (-2.1)
4. Needent Population & PO	PEOPLE	9,160	10.342 (12.9)	11,446 (24.9)	12,174 (32,9)	12,749 (39.2)
5. Non-Resident Population & PO	PEOPLE	11.280	13.866 1 22.91	11,831 (4,9)	11,648 (3.3)	+
6. Population Served** 8 PD	PEOPLE	20-440	18	23,277 (13,91	23,822 (16.5)	-
7. Effective Population*** & PD	PEOPLE	12.920	14.964 (15.81	15,390 (19,1)	16,057 (24.3)	16,839 (30.3)
8. En Consumption/Pap Served & PD	MBTUCAP	97.2	18.4 (-19.3)	82.9 1-14.7 1	81.1 (-16.5)	72.1 (-25.8)
9. En Consumption Ett Pap & PO	MBTUCAP	153.7	126.8 (-17.5)	125.3 1-18.5 1	120.4 (-21.7)	107.1 (-30.3)
10. Electric En Consumption/Passdant Population	MBTUCAP	138.8	124.7 (-10.1)	111.2 (-19.9)	109.5 (-21.1)	97.6 (-29.7)
11. Installed Air Cond Capacity & PD	TONS	13.389	14,487 (8,21)	15.087 (12,7)	14,940 (11,6)	15,756 (17.7)
12. But EnergyTon of Air Cond & PD	MBTUTON	•		84.4 (-11.1)	.3 (-	79.0 1 -16.81
13. Res Poperty Inventory (RPS & PO	KSF	10.819	-	10,940 (1.1)	11,038 (2.0)	10,320 (-4.6)
14. RPVERBORNe Population	KSFICAP	-84	73 (-12,7)	11.11-11.	16.11-169.	.61 (-26.8)
15. Energy Consumption/GSF & PD	BTUGSF	183,590	173,481 (- 5.5)	176,316 1- 4.01		-
16. Thermal En Consumption/GSF to PD	BTUGSF	66.093	55,514 (-16.0)	59,948 (- 9.31	54,279 (-17.9)	54,187 (-18.0)
17. Electrical En ConsumptionIGSF to PD	BTUGSF	117 497	117.967 (0.4)	116,368 (- 1.0)	-	
	KSF					*****
	KSF	766	1,026	1,049		
vos F. Production	KSF	451	7/7	478	477	403
Research, Dev togeners & Testing	KSF	27	28	28	28	28
South	KSF	1.693	1-757	287	287	12
Other Covered Storage	KSF	Not Available Separately-Included Above		1,478	1,558	1,262
Houpital & Me Scal	KSF	751	767	777	778	776
Administration	KSF	1.044	806	884	1,012	998
Bechelor Housing	KSF	2.264	2.313	2,305	2,306	2,299
Community Facilities	KSF	959	976	996	766	980
Farrally Housing	KSF	2.460	2.464	2,469	2,469	2,454
Operational Buildings	KSF	89	111	108	104	96
Unitry Buildings	KSF	87	7.9	77	7.5	67
Opposition of the contract of	KSF	Not Available BASE	3.6	34	34	32

Po a Parcer Devation home Base Year *Population Solar Film - \$1,533,434 - Completed August 1978 **

FY 76 ECIP - Meatherproofing and Solar Film - \$1,533,434 - Completed August 1978 **

FY 76 ECIP - Insulation/Ventilation - \$279,997 - Completed September 1979 **

	UNITSJEY	ĸ	R	u	R	£
1. Energy Consumption & PD	MOTU	417.113	482.465 (15.71	457,234 1 9.6 1	458,831 (10.0)	3.0
2. Thermal En Cons & PO	MBTU	266.953	250.882 1- 6.01	278,913 (4.5)	256,946 1- 3.71	
3 Receious for Come to PD	MBTU	150.160	231.583 (54.21	178,321 (18.8)	201,885 (34,4)	184,654 (23.0
4. Resident Population & PD	FOFE	2.377	1 090	1,086 (-54,3)	1.954 (-17.8)	1,295 (-45.5
5. Non-Resident Population & PD.	PEOPLE	2.306	2.503 (8.5)	2,403 (4,2)	2,357 1 2,21	2,477 1,7,4
8. Proutetien Served** & P.D.	PEOPLE	7 683	1 40	3,489 (-25.5)	4.311 (- 7.9)	3,772 (-19.3
2 Effective Provincian*** & PD	PEOPLE	3 166	7 768	1.887 (-40.0)	2.740 1-12.91	2,121 (-32.6
8. En Consumption/Pap Served & PD	MBTUCAP	1 98	2	131.1 (47.1)	106.4 (19.5)	113.8 (27.8
9. En Consumption Eff Pap & PO	MBTUCAP	132 6	98.6 (-25.6)	242.3 (82.8)	167.5 (26.3)	202.5 (52.7
10. Electric En Consumption/Resistant Population	MBTUICAP	63.2	0	164.2 (159.9)	103.3 (63.6)	142.6 (125.7
11. Installed Ab Cond Capacity & PD	TOWS	840	-	1,735 (106,5)	822 (- 2.1)	823 (- 2.0
12. Bac Energy/Ton of Ay Cond & PO	METUTON	178.8	275.7 (54.2)	102.8 1-42.5 1	245.6 (37.41)	224.4 (25.5
13. Real Property Inventory (NPT to PD	KSF	5.052	-		-	5,138 (1.7
14. MPUEMective Population	KSFICAP	1.61	1.03 (-35.7)	701	1.85 (15.1)	2.42 50.9
15. Energy Consumption/GSF & PD	BYWGSF	82.564	95,500 (15,7)	89,865 (8.8)	17.6 1 885.06	83,579 (1.2
16. Thermal for Consumption/GSF & PD	8TU/GSF	52.841	10.9 - 1 099.67	54,818 (3.7)	50,730 1-4.01	8.6 - 1 079.77
17. Electrical En Consumption/GSF to PO	BTUGSF	29.723	45.840 (54.2)	35,047 (17,9)	٥	35,939 (20.9
18. RP1 by Category	KSF					******
Training	KSF	822	822	656	642	77.5
Maintenance & Production	KSF	241	241	274	344	346
Research, Development & Testing	KSF			,		
Storage	KSF	512	512	33	33	11
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	506	506	514
Hospital & Marfical	KSF	224	224	54	150	213
Administration	KSF	199	149	200	263	196
Sechetor Housing	KSF	2,459	2,459	2,515	2,528	2,498
Community Fs.: Milities	KSF	38	38	269	305	314
Family Housing	KSF	10	1 01	4	7	
Operational Buildings	KSF	228	228	230	251	231
Unitry Buildings	KSF	319	319	41	33	29
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Legic Community Fig. 12 Fig. 12 Fig. 12 Fig. 13 Fig. 1	U.S. Army - ANALYSIS OF ENERGY (CONSUMPTION - INSTALLATION	FT LAUTON WA.	MACOM FORSCOM	CLIMATIC REGION 2 HDD	HDD 5,678 CDD 60
warr 14.0 (25) 12.7 3.49 (-4, 91) 12.3 5.51 (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1, 1.3) (-1		_	-			1 1	
WHTU 140,051 127,349 1-9,11 123,551 1-11,8 06,359 (-51,11) 39,338 (-51,11) 39,338 (-51,11) 39,338 (-51,11) 39,338 (-51,11) 39,338 (-51,21) (-51,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21) (-10,21)		UNITS/FY	R	*	<i>u</i>	R	R
Maritical Health 18,428		Metu	140.051	-	123.551 (-11.8)		11.6Z-) 88.666
Mail	2	MBTU	16, 67			-	; -
Figure Sign Sign Color Color		MBTU		-		-)
FEGURE 619 1 + 28.41 68 1 7,9 1 + 50 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10 1 + 10		PEOPLE	4	515		-	431 (-22.5)
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Mathematical Property Math		PEOPLE	619	۲	1-17		-
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METUICAP 242.7 247.3 1.1.9 253.7 4.5 145.2 1-40.2 221.8 1. METUICAP 141.1 133.5 -5.3 151.8 7.6 144.2 1-26.2 168.2 1. METUICAP 141.1 133.5 -5.3 151.8 7.6 144.2 1-26.2 168.2 1. METUICAP 1,005.5 683.6 1-3.6 1.295 137.7 1.297.7 1.997.7 1.295 1.377.7 1.297.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.295.7 1.		MATUCAP	226.3	-	-	-	-
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TONS Tolk		MBTLUCAP	1/11		-	۱-	168.2 (19.3)
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KSF 983		MBTUTON	5 500 1	عا		۱-	-
RSP		KSF	083	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓		-	1,043 (6.1)
BTUNGSF 142,473 134,334 (-5.7) 95,406 (-33.0) 86,539 (-39.3) 95,243 (1.35.2) 1 136.31 95,243 (1.35.2) 1 136.31 95,243 (1.35.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) (1.36.2) <th></th> <th>KSF/CAP</th> <th>1 70</th> <th>98</th> <th>2.661 56.1)</th> <th></th> <th>-</th>		KSF/CAP	1 70	98	2.661 56.1)		-
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No. Aveilable State 15		BTUKGSF	62, 689	۱-	l	-	9
KSF 179 181 281 319 KSF 136 136 126 - KSF - - - - KSF 5 6 - - KSF 5 6 - - KSF 63 5 5 5 KSF 65 120 67 67 KSF 161 161 280 157 KSF 295 281 281 40 KSF 95 141 40 KSF 18 8 -		BTU/GSF	782 62	-	ı	1	69,527 (-12.9)
Kiss 179 183 281 319 Kiss 136 136 172 126 Kiss 27 6 Stronge Kiss 55 55 55 Kiss 161 161 161 172 126 Kiss 161 161 161 161 173 Kiss 295 281 281 174 Kiss 161 161 161 161 161 Kiss 295 281 281 174 Kiss Mat Available 161 184 40 Kiss Mat Available 184 8 Kiss Mat Available 184 8 - Kiss Mat Available 184 - Kiss Mat		¥S.				X	
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KGF — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — — —	nes & Production	KSF	136	136	172	126	167
KSF Nor Avealable Squaresh* Package 6 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -		KSF	-			-	
KSF Neg Avelabelle Septements Protocted Above BASSE 6 4 5 KSF 161 161 280 157 144 KSF 295 281 157 114 KSF 295 281 141 40 7 KSF 95 281 141 40 7 KSF 161 182 281 141 40 7 KSF 162 163 164 7 7 7 KSF 162 163 164 7 7 KSF 163 164 67 7		KSF	27	9		t	
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KSF 65 65 120 67 144 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 1		KSF	5	5	5	. 5	7
KSF 161 161 280 157 111 KSF 2 2 1 - 10 KSF 205 281 281 74 7 KSF 16 3 40 7 KSF Not Available BASE - -		KSF	89	59	120	67	141
KGF 2 2 1 - 10 KGF 295 281 281 74 7 KGF Not Available BASE - - -		KSF	161	161	280	157	110
KSF 295 281 281 281 74 7 KSF Not Available BASE 3 4.0 7		KSF	2	2	1		109
KSF 97 96 141 40 77 77 KSF Not Available 16 BASE 8		XS.	295	281	281	7.4	74
KSF 16 13		KSF	97	96	141	70	73
KSF Not Available		KSF	91	13		-	6
		252			88		-

DEM ABVE

II.S. Army - AMAINSIS OF ENERGY CONSUMPTION - INSTALLATION - FT. LEWIS.	MISHOUSHIN	FION - INSTALLATION	T. LEWIS, WA.	MACOM FORSCOM	CLIMATIC REGION 3 HDD 5,339 CDD 110	5,339 CDD 110
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	UNITS/FY	ĸ	R	<i>u</i>	æ	£
1. Entrary Consumption & PD	MBTU	3 995 950	4.052.222 (1.4)	3,652,538 1-8.61	3,695,514 1-7.51	3,515,699 (-12.0)
	MBTU	2 317 651	2 431 334 (4.91	2.045,422 1-11.7 1	2,180,354 (- 5.9)	2,109,420 (- 9.0)
	MBTU	1 678 299	888 (- 3	1.607,116 (- 4.2)	1,515,160 (- 9.7)	-
٥	PEOPLE	34, 273	34,515 (0.7)	33,650 (- 1.8)	29,692 (-13,4)	•
8	PEOPLE	3.738	3,707 (- 0.8)	4,139 (10.7)	3,453 1-7.61	15,309 (309.6)
	PEOPLE	38 011	38.222 1 0.61	37,789 1- 0.6 1	33,145 (-12.8)	36,464 (- 4.1)
٤	PEOPLE	35.519	35.751 (0.71	35,030 (- 1.4)	30,843 (-13.2)	-
٤	MBTUCAP	105.1	106.0 (0.8)	96.7 (- 8.1)	111.5 1 6.11	16.8 - 1 - 8.31
	MBTUCAP	112.5	113.3 (0.8)	104.3 (- 7.3)	119.8 (6.5)	133.9 (19.0m
PR Population	MBTUCAP	6 87	-	47.7 (- 2.5)	51.0 (4.2)	66.5 (35.8)
	TOMS	\$17	-	177 1-57.3 1	177 (-57.31	1,297 (212.5)
_	MBTUTON	1 770 7	16.6 - 1 5.679 8	9.079.8 (124.5)	8,565,2 (111.7)	1,084.3 (-73.2)
	KSF	19 847	-	19.673 (- 0.91	19,774 1- 0.41	20,587 (3.7)
	KSF/CAP	95.	19.0 - 1 55.	1.561 0.51	.64 (14.7)	.78 (40.3)
F # 30	BTUNGSF	201.338	204.039 (1.3)	185,662 1- 7.8 1	186,888 (- 7.2)	-
Ę	BTUKSSF	116.776	122,424 (4,81	103,971 (-11.0)	110,264 1-5.61	102,464 (-12.3)
17. Electrical En Consumption/GSF & PD	BTUKGSF	84 562	81.615 (-3.51	81,691 (- 3,41)	76.624 1-9.41	68,309 (-19.2)
	KSF					
	KSF	394	390	384	388	384
Maintenance & Production	KSF	1 541	1.540	1,538	1,612	1,620
Research, Development & Testing	KSF		_	-	1	
Storage	KSF	2.538	2.532	79	79	79
Other Covered Storage	KSF	Not Available Separately-Included Above		2.420	2,461	2,487
Hospital & Medical	KSF	525	829	595	647	665
Administration	KSF	1 030	1.083	1,003	988	1,133
Bechelor Housing	KSF	6 303	6.195	6.387	6,026	6,626
Community Facilities	KSF	1 531	1.554	1.522	1,532	1,602
	KSF	5.617	5.673	5.476	5,711	5,682
84	KSF	137	144	147	193	167
	KSF	131	108	108	124	126
	KSF	Not Available BASE		71	13	16
		4 44			The state of the s	C. C. Contact

PEMARKS 🕎

U.S. Army - ANALYSIS OF ENERC	SY CONSUMPTI	1GY CONSUMPTION - INSTALLATION	FT, MCCOY, WI	MACOM FORSCOM	CLIMATIC REGION 1 HOD 7,558 CDD	7,558 COD 573
	-	_	-			1 1 1
	UNITS/FY	R	2	и	æ	ድ
1. Energy Consumption & PO	UMBTU	672.549	19.677 1-18.61	570,477 (-15.2)	525,863 (-21.8)	7.82-1 1.28.7
2. Thermal En Cons & PD	MBTU	504 412	388.851 (-22.91	410.744 -18.6	368,105 (-27.0)	328,377 1-34.9
3. Electrical for Cone & PD	MBTU	168 137	158.826 1-5.51	159.733 6.5.0	157,758 (- 6,2)	154,530 (-8.1
4. Resident Population & PO	PEOPLE	2 573	2 026 , 19.3	1 522 (-40.8 1	1,689 (-34,4)	1,480 (-42.5
5. Non-Resident Population 8 PD	PEOPLE	2 162	-	2 119 (- 2.0)	2,170 (0,41	2,167 1 0
6. Population Served** 6 PD	PEOPLE	4,735	4 195 (-11.4)	3,641 (-23.1)	3,859 (-18.5)	3,647 (-23.0
7. Effective Population*** 6 PD	PEOPLE.	3.294	2,782 (-15,51	2,228 ←32,3 1	2,412 (-26.8)	2,202 4 -33.2
8. En Consumption/Pop Served & PD	MBTUCAP	142.0	130.6 (- 8.1)	r.	-	13.4 - 1 5.28
9. En Consumption/Eff Pop fe PO	MBTUICAP	204.2	-	256.0 125.4 1	[-	219.3 4 7.4
10. Electric En Consumption/Resident Population	MBTUCAP	65.3	76.5 (17.1)	ı	93.4 (42.9)	a 65 1 7 7UI
11 Installed Air Cond Capacity & PD	TONS	270	276 (2.21	451 (67.01	729 (170.01	_
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	622.7	575,4 (-7.61	354.1 (-43.1)	216.4 1-65.21	1.89-1 7.861
13. Real Property Inventory (1979 & PO	KSF	7.187	6,416 (-10.7)	7,412 (3.1)	7,669 (6.7)	8,035 (11.8
14. RPUEMective Population	KSFICAP	2.18	2.31 (5.7)	3.33 52.5	. 18	9.
15. Energy Consumption/GSF & PD	BTUGSF	93.579	85,361 (-8.8)	76,967 (-17.8)	68,570 (-26.7)	
16. Thermal En Consumption/GSF to PD	B TU/GSF	70,184	60,606 (-13.6	55,416 (-21.0)	47,999 (-31.6)	-
17 Electrical En Consumption/GSF to Po	BTU/GSF	23, 395		l	20,571 (-12.1)	8.71-1 282.61
18. RPI by Caregory	X2		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;			
Training	KSF	914	1,118	1,188	1,242	1,380
Maintenance & Production	KSF	554	492	628	634	679
Research, Development & Testing	KSF.	3	2	3	_	er i
Serage	KSF	637	548	146	_	19
Other Covered Storage		Not Available Separately-Included Above		520	650	642
Hospital & Medical		407	338	404	405	407
Administration	KSF	166	198	239	234	251
Bechelor Housing	KSF	3.907	3,229	3,652	3,652	4,108
Community Fecilities	KSF	496	414	531	527	7.17
Farraly Housing	KSF	31	25	31	257	31
Operational Buildings	KS.	41	26	43	7.6	3.7
Unitry Buildings	KSF.	31	26	14	14	34
	N.C.E.	Aveilable		0,	9	,

	ļ	1-1 1-1		11	1 1 1	
	UNITS/FY	EK.	92	п	84	R
1. Energy Consumption & PD	MBTU	681.923	713.750 1 4.71	800,899 117,41	766,670 (12,41)	765,259 (12.3)
2. Thermal En Cons & PO	MBTU	320.504		384,432 (19.91	360,335 (12,4)	367,325 (14.6)
3. Electrical En Cone & PO	MBTU	361-419	-	416.467 (15.2)	406,335 1 12.41	397,934 (19,1)
4. Resident Population 6 PD	PEOPLE	266;	15.5 -1 2.6	817 (-17.6)	806 (-18.8)	848 (-14.5)
5. Non-Readent Population & PD	PEOPLE	7.437	17 88-1 856 7	5-494 (-26.11		6,109 (-17,9)
6. Population Served** & PD	PEOPLE	0 6 2 9	-			6 957 1 -17 51
7. Effective Population*** & PD	PEOPLE		-			2.884 1-16.9)
8. En Consumption/Pop Served & PD	MBTUCAP	80.9	2	0	œ	0
9. En Consumption/Eff Pap & PD	MBTUICAP	196.4	- «	Ι-	-	165.3 (35.1)
10. Electric En Consumption/Resident Population	MBTU/CAP		419.0 (15.01	509.8 (39.91	504.1 (38.4)	469,3 (25,8)
11 Installed Air Cond Capacity B PD	TONS		3 995 1 0.41	4.044 1.71	4.15] (4.41	4,151 1 4,41
12 Bec Energy/Ton of Air Cond & PO	MBTU/TON	6 U6	1 8 1 6 80	103.0 (13.31)	17.7 1 6.76	15.9 1 5.51
	KSF	8.607	-	8,610 (0.0)	6.769 (-21.41	8,886 (3.2)
14. RPVEMective Population	KSF/CAP	,	3.33 (34.		2.52 (1.51	3.081 24.31
F 6 FO	8TU/GSF	79.22	82.888 1 4.61	93.020 (17.41	113.262 1 42.91	86,120 1 8.71
16. Thermal En Consumption/GSF to PD	BTU/GSF		-	1 6.61 1 0.9.44	53,233 1 43,01	41,337 (11.0)
eumption/GSF & PD	BTU/GSF	7	1978) 885 57	48,370 (15.2)	60.029 (43.0)	44,782 (6,6)
18. RPI by Category	KSF					
Training	KSF	67	67	65	6.5	2.0
Maintenance & Production	KSF	751	157	751	51	878
Research, Development & Testing	KSF		1			
Storage	KSF	5.697	5.701	1.2	,	742
Other Covered Storage	KSF	Not Available Separately-included Above		5.685	3,879	5.221
Hospital & Medical	¥S¥	185	185	185	146	154
Administration	KSF	588	588	588	209	603
Bachelor Housing	KSF	363	£9ε	363	358	321
Community Facilities	KSF	511	115	511	516	451
Family Housing	KSF	335	388	335	335	332
Operational Buildings	KSF	47	2.2	72	22	125
Uriny Buildings	KSF	81	95	56	- 56	1.9
Other	KSF	Not Available BASE			,	•

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U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUA	1	FT. MEADE, MD	MACOM FORSCOM	_ CLIMATIC REGION 3 HD	HDD4,753 CD0 1,039	21
				M		26	
	UNITSIFY	Ŕ	æ	π	æ	P	
1. Energy Consumption B PD	MBTU	4.165.653	3,931,432 (- 5,6)	4,271,407 (2,5)	4,149,468 1-0,41	7	(- 3.5)
2. Thermal En Cons & PD	MBTU	1 624 605	1, 136, 687 (-17, 7)	1.665.849 1 2.51	1,327,830 (-18,3)	1,126,043	1-30.7
3. Electrical En Cons & PO	MBTU	2 541 048	2 594 745 1 2.1	-	-	2,895,538	17.01
4. Readent Population & PO	PEOPLE	22,025	18,901 (-14,2)	18,901 (-14.2)	17,436 (-20.8)	17,372	1-21.1
5. Non-Resident Population & PD	FEOFE	23.191	28,033 (20,9)	28,033 (20.9)	32,076 (38.31	27,332	17.91
6. Population Served** 6 PD	PEOPLE	45.216	18.6 1 3.81	8.6,934 (3.8	L	707 7707	1.1-1
7. Effective Population*** & PD	PEOPLE	29,755	245 1 - 5,	28,245 (-5.1)	28,128 (-5.5)	26,483	1-11.01
B En Consumption/Pap Served & PD	MBTUCAP	92.1	83, 9 (- 9,1)	91.0 (-1,2		0.06	1-2.41
9. En ConsumptionEff Pop & PO	MBTUCAP	140.0	139.2 (- 0.6)	151,2 (8.0	147.5 (5.4)		18.81
10. Electric En Coneumption/Resident Population	MBTUVCAP	115.4	137,3 (19,0)	137.9 (19.5	161.8 (40.3)	166.7	1 44.51
11. Installed Air Cond Capacity & PD	TOWS	179.9	9.288 1 33.21	9,228 1 32,4	9,228 (32,4)	9,228	1 32.41
12. Elec Energy/Ton of Air Cond & PO	MBTUTON	364.5	279.4 1 -23.41	282.4 1 -22.9		313.8	(-13.91
13. Real Property Inventory (RPI) & PD	KSF	12.645	12,645 1 0 1	11,071 (-12.4)	10,555 (-16.5)	10,755	(-14.9)
14. RPVEMective Population	KSF/CAP	.42	18.5 1 57.	.39 1 - 7.8	38 (-11.7)	.41	1 7 7 - 1
15. Energy Consumption/GSF & PD	BTU/GSF	329,430.8	310,908.0 1 - 5.61	185,819.4 (17.1)	393,128.2 (19.3)	373,926.6	13.51
16. Thermal En Consumption/GSF & PD	BTU/GSF	128,478,1	105,708,7	150,469.6 (17.1)	125,801.0 (- 2.1)	104,699.5	(-18.5)
17 Electrical En Consumption/GSF 6 PD	BTU/GSF	200.952.8	205.199.3 (2.1)	235,349,8 (17.1	267,327,1 (33,0)	269,227,2	1 34.01
18. RPI by Category	KSF						X
Training	KSF	437	437	382	543	700	
Maintenance & Production	KSF	891	168	702	655	097	
Research, Development & Testing	KSF	10	10	10	10	10	
Storage	KSF	1.145	1.145	7.5	26	16_	
Other Covered Storage	KSF	Not Available Separately-Included Above	A BASE	689	682	823	
Hospital & Medical	KSF	410	410	92	267	318	
Administration	KSF	1.264	1.264	1,363	878	853	
Bechelor Housing	KSF	3.417	3.417	2,884	2,675	2.445	
Community Facilities	KSF	927	97.7	885	859	1,168	
Family Mousing	KSF	3.732	3.732	3,593	3,731	3,700	
Operational Buildings	KSF	173	173	173	162	162	
Unitery Buddings	KSF	189	180	180	78	78	
Other	KSF	Hor Available BASE	6	43	19	22	
		self most consocial merced as Od.	a Year Canada in	the free Bearders to Non-Brandans Bros.	Annual of the Annual of the second	10 km Brandan	

FY 76 ECIP - Insulation and Weatherstripping - \$138,537 - Completed January 1977

FY 76 ECIP - Energy Monitoring/Control System \$792,892 - Completed September 1978

FY 77 ECIP - Insulation - \$638,582 - Completed (estimated) June 1978

		١		MACOM	CLIMATIC REGION	
	1		1 1 1 1			_
	UNUTSJEY	¥	æ	T.	2	2
1. Energy Consumption & PD	MBTU	298.831	282 000 (- 5.6)	276.357 1- 7.5 1	284.750 1-4.71	274,325 (- 8.2)
2. Thermal En Cong & PO	MBTU	182 287		165.815 (- 9.0)	173.698 1-4.71	170,082 (- 6.7)
3. Electrical En Cong & PD	MBTU	116 544	19 980 1 - 5 61	71 675		243 1 -
4. Resident Population B PD	PEOPLE	735	-	531 1 22 1 1	527 (21 11	-
5. Non-Resident Population & PD	PEOPLE	1 443	1380 (= 7.2)	1 318 (8 5 1	1 358 1 5 81	1 268 1 -12 0
	PEOPLE	1 076	10.0	[5	-	1 778 (- 5 2)
7. Effective Population*** & PD	PEOPLE	915	-	ľ	180 (7.1)	933 (2.0)
8. En Consumption/Pap Served & PD	MBTUCAP	150 3	(87 -) 9 151	7.	151.1 (- 5.2)	154.3 (- 3.1)
9. En Coneumption(EM Pop 6 PO	MBTUCAP	326 6	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	284.9 (-12.8 1)	290.6 (-11.0)	294.0 1 -10.00
10. Electric En Consumption/Nexident Population	MBTUICAP	267.9	7	2 1-22	-	204.4 1 -23.71
11. Installed Air Cond Capacity & PD	TONS	•	19 4 - 3 61		19.7 1 4.61	867 (1.5)
12. Elec Energy/Ton of Air Cond & PD	MBTU/TON	136 5	6 - 1	139.7 1 2.41	3 1-0	120.2 (-11.9
	KSF	1 087	1 080 1 - 0.61	1.072 (- 1.4)	-	1.078 (- 0.8)
14. RPVEMective Population	KSF/CAP	1.19	1.15 (- 3.3)	1,11,1-7,0,1	1.16 (- 2.8)	1.161 - 2.7
	8TU/GSF	274 913	261.111 (- 5.0)	257.796 1- 6.2)	251,546 (-8,51)	254,476 1 - 7.44
	8TU/GSF	167,697	159,278 1 - 5,01	154,678 1-7,81	153,443 1 - 8,51	157,776 (- 5.91
Humption/GSF & PO	BTU/GSF	107, 216	101 833 (- 5.0)	103,118 (- 3,8)	98,103 (-8,5)	96,700 (- 9.8)
Aude	KSF					
	KSF	401		522	572	525
	KSF	146		187	192	173
Development & Testing	KSF	1		-		ı
	KSF	1.9				7
•	KSF	Not Available Separately-Included Above	• GASE	14	78	73
Hospital & Medical	KSF			_	-	
	KSF	65		79	65	65
Bachelor Housing	KSF	140		•	,	2
#G#	KSF	62		52	52	53
Family Housing	KSF	137		137	138	148
gub	KSF	130		23	23	21
Buildings	KSF			13	12	13
Other	_	Nor Aveilable BASE		-		1

MS No Report received for FY76 so data appearing for FY76 is estimated.

Use Army	U.S. Arm: - ANALYSIS OF ENERGY C						
Macarthur		CONSUMPT			-		
Macarthur			1	}		2	
1	L.	200	R	₽		9 1	
Macarthur		1		038	565	320	939 1 =
Macarthur		0.16	2 766 790	}-	912	Fag.	1 185 847 1 4.5
1		17	1 632 607	-	582	1	23 870 1 -14.5
Macarthur		BTU	137, 383	1	1 877	77-1 009	-
Macarthur		1	200 20		9	-	
		3		-	1	- 1	-
Abcerthur			455	32 180 (3 7)	4	30,	26.940 (-10.5
		EOPLE.	85777		886 (- 7.	a a	83.4 (3.9
Macarthur	•	FORE	30,101	-	2 1 7	1	1 7 601
Macarthur		BTUCAP	80.3		-	-	1
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Macarthur		DATI IICAP	9 07	-	-	1-55	OFF.
Macarthur		No.	1,100	-	100	17	1/5.1
Macarthur			0.00		1	518 1-	17,113
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Macarthur		3	1/04//	1 74.	7 °	1	
Becarthur		SFICAP		-	374	-	
Becarthur	200	TUIGSF	161.025		109,856	٦,	
RECALTHUR		TURSF		1	64.518	07079	8
Bearthur		STUGSF	66 Why ways		$\stackrel{\sim}{\sim}$		
Freduction Strong K K K K K K K K K K K K K K K K K K K	ــا	rist.			Ì	1.206	150
The state of the s	L.	XSX.	1 204	787	822	897	05
A Management & Tenders King		KSF	756		50	-	38
M. Strong M. S. St		3	43	43	12	38	100
wered Strongs 6 Medical Filter		353	1.074	1,100	003	993	166
A Madera Market	_	200	New Available Secentrary Included Abo		223	565	262
D Madera Promise Arburno Arburno Para Badanga Para Badang		1	117		200	888	900
F. Mountain K. M. F. Macarthur	_	2	-68	4.866	830	5,078	4,972
introdes Ft Macarthur		KSF	88/	066 7	4.936	1,87	1,490
into Facilities K. Macarthur Includes Ft Macarthur		TSE SE		1 471	1.422	000	5,581
rounds Manage Includes Ft Macarthur		KSF	1.938	5 583	4.888	1	224
Includes Ft Macarthur		KSF	5.610	151	233		72
Includes Ft Macarthur		KSF	268		65	***	95
Includes Ft Macarthur		KSF			112	116	
Includes Ft Macarthur	•	152			And Beardone in the Compilers For		
Includes Ft Macarthur			Profession Devotes from Be	ne Year "Population Served I		0000	EDBSCOM AS OF FY76.
Includes Ft Macarthur			Error Engle whe	en they were reported sep	arately. Pt Ord was tr	ansfered from INADOC to	
	Includ		in the care care and a		0.00		
Completed (estimated))		0 13 - 540	46 907 - Completed (esti	mated) October 1970		

FY 77 Family Housing ECIP Improvements ~ \$1,046,907 - Completed (estimated) October 1978

U.S. ATT" - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION _	GY CONSUM	- 1	FT, POLK, 1A.	MACOM FORSCOM	CLIMATIC REGION 6 HDD 1,889 CDD 2,666	1,889 CDD 2,666
		1. 1 1 1 1	1 1 1	1 1 1 1	1 1 1 1 1	
	UNITS/FY	ĸ	22	μ	æ	2
1. Energy Consumption & PD	MBTU	1,367,892	1,368,102 (0)	1,604,638 (17.3)	1,590,012 (16.2)	1,888,177 (+38 ,
2. Thermal En Conn & PD	MBTU	793,378	752,457 (- 5.21	802,319 (1.1)	747,306 (- 5.8)	717,506 (-10)
3. Electrical En Cons & PD	MBTU	574.514	615,645 (7.2)	802,319 (39,7)	842,706 (46.7)	1,170,669 (+104)
4. Resident Population & PD	PEOPLE	18.009	1-47.	10,072 (-44,1)	12,649 (-29,8)	14,239 (-20.9)
5. Non-Resident Population & PD	PEOPLE	7.407	(-31	10,772 (45,4)	14,075 1 90,01	7,681 (3.7)
6. Population Served** 6-PO	PEOPLE	25,416	14,495 (-43,0)	20,844 (-18,01	26,724 (5.1)	21,920 (-13.8)
7. Effective Population*** & PD	PEOPLE	20,478	-	13,663 (-33,3)	17,341 (-15.3)	16,799 (-18.0)
B En Consumption/Pap Served & PD	MBTUCAP	53.8	94.4 (75.41	76.9 1 43.0 1	59.5 (10.5)	86.1 (60.0)
3. En Consumption/Eff Pap & PO	MBTUCAP	8,99	-	117.4 (75.8)	91.7 1 37.21	112.4 (68.2)
10. Electric En Consumption/Resident Population	MBTUCAP	31.9	65.5 (105.2)	19.7 (149.7)	16.8011 9.99	82.2 (157.7)
11. Installed Air Cond Capacity & PO	TONS	8,482	8,905 1 5,01	9,699 (14,31	11,782 (38.9)	19,911 (135)
12. Bec Energy/Ton of Air Cond & PD	MBTUTON	67.7	69.1 (2.1)	82.7 (22.1)	71.5 1 5.61	58.8 1 -13.21
13. Real Property Inventory (IRPS & PD	KSF	8,551	-	10,071 (17.8)	10,288 (20.3)	12,037 (40.8)
14. MPVEthective Population	KSFICAP	.42	.84 (100.4)	.741 76.5 1	.59 (42.11	.721 71.6
15. Energy Consumption/GSF & PO	BTUKSF	159,969	147,298 (-7.9)	159,332 '- 0,41	154,550 (- 3.4)	156,864 (- 1.9
18. Thermal for Consumption/GSF ib PD	BTUGSF	92,782	81,014 (-12,7)	19,666 1-14.11	72,639 1-21.71	59,608 (-35.8)
17. Electrical En Consumption/GSF & PD	BTUKGSF	67,187	66,284 (-1,3)	79,666 (18.6)	81,911 (21.9)	97,256 (44.8)
18. RPI by Category	KSF					
	KSF	325	529	1,073	535	609
Maintenance & Production	KSF	978	1,085	860	914	950
Research, Development & Testing	KSF			-		
Storage	KSF	1,221	1,149	22	22	20
Other Covered Storage	KSF	Not Available Separately-included Above	BASE	662	1,158	1,083
Hospital & Medical	KSF	375	375	317	322	324
Administration	KSF	168	168	368	376	461
Sechelor Housing	KSF	3,531	4.026	1,180	2,831	3,383
Community Facilities	KSF	839	296	827	923	937
Formity Housing	KSF	442	645	1,117	1,612	3,569
Operations Buildings	KSF	672	507	516	539	12
Urility Buildings	KSF	•	2	144	17	64
Other	KSF	Not Available BASE	1	2,985	1.039	625
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AAMKS Ft Polk was transfered from TRADOC to FORSCOM as of FY76.

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KSF 26 26 26 26 26 26 26 2	7	073 (1.21	7.604 1- 4.6	****	
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### 700 7		26	26	26	87
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KSF Not Available Septembrith richidad Above KSF Not Available Septembrith richidad Above KSF 1.73 1.86 KSF 1.287 1.	-	_	-	_	_
KSF Net Available Superately-Inchided Above KSF 17 KSF 1.86 KSF 1.287	1 330	330	102	102	95
KSF 17 KSF 186 KSF 1.287	Net Available Separately-Included Above	BASE	1,228	1,228	1,236
KSF 1.287 L	T	17	33	33	35
KSF 1.287 1	+	186	186	186	188
KSF 1.28/	 -	201	1 287	1.287	1,199
100	[¹]	787	707-1	683	255
282	582	582	282	736	, 057
KSF 2.953 2	2.953	953	2,953	2,953	
715		231	231	231	143
756	78%	284	284	284	616
Guidange Karatan BACE	104	,	7	7	25
		ath of bounds or inch	Contraction of the country of Man Benefact Properties		*** Eff Poo is Resident + 1/3 Non-Resident

U.S. Amy - ANALYSIS OF ENERGY	GY CONSUA	CONSUMPTION - INSTALLATION	FT. RILEY, KS	MACOM FORSCOM	CLIMATIC REGION 3 HDD	HDD 5,306 CDD 1,503
		1 1 1 1	1 - 1 - 1 - 1 - 1	1 1 1 1		
	UNITS/FY	ĸ	R	μ	R	æ
£	MBTU	2, 572, 161	2.445.735 (- 5.11)	2.880.480 (11.8)	3.148.302 22.21	3,246,637 (+26)
	MBTU	1 649 384	1.516.356 (-8.11	1.526.655 (- 7.4.1	118 (-	1.688.252 (+ 2.4)
	MBTU	711, 126	12.9 179 (0.21	1 353 825 1 45.9 1	1.511.184 (62.91	1.558.385 (+68)
	PEOPLE	21, 147	18 911 (-10.6)	24,068 113.8 1	24, 589 (16.3)	19,020 1-10,11
ē	PEOPLE		7 735 1- 4 2 1	6,999 (-13.3.1	-	7-802 (-3.3)
6. Population Served** 6 PD	PEOPLE	Ĺ	26 646 '- 8.8'	31 067 (6.3)	31 146 1 6.6	26.822 (- 8.2)
7. Effective Population*** & PD	PEOPLE			26.401 (10.8)	-	21,621 (- 9,3)
8. En Comeumption/Pop Served & PD	MBTUCAP	L	91.8 (4.1)	92.7 (5.1)	101.1 1 14.61	121.0 (37.2)
9. En Communication Page to PO	MBTUCAP	108,1	113.8 (5.3)	109,1 1 0.91	117.6 (8.8)	150.2 (38.9)
10. Electric En Consumption/Resident Population	MISTURCAP		49.1 (12.0)	56.2 (28.2)	61.5 (40.1)	81.9 (86.8)
11. Installed Air Cond Capacity & PO	TONS	8.140	8,628 (6,0)	13.574 (66.8)	13,118 (61.2)	13,126 (61.2)
12 Blec Energy/Ton of Ale Cond B PD	METUTON	113.9	107.7 (- 5.5)	99.7 (-12.5)	115.2 (1,1)	118.7 (4.2)
13. Neel Property Inventory (FPR & PO	KSF	13,775	13,733 (- 0,3)	15,941 (15,7)	14,769 1 7.21	15,323 (11.2)
14. NPVERheative Population	KSF/CAP	.58	.64 1 10.61	1 5.4 109.	.55 (- 4.5)	.71 27.61
	BTU/GSF	187,090	178,092 (- 4.8)	180,696 (- 3.4)	213,170 (13,9)	211,880 (13.3)
16. Thermal Sn Consumption/GSF & PO	81U/GSF	119,738	110,417 (- 7.8)	95,769 1-20.01	110,848 1-7.41	110,178 (- 8.0)
eumpston/GSF & PO	BTUNGSF	_	-		(101,702 (51.0)
18. NPT by Casegory	KSF					
	KSF	644				767
	KSF	1.198	1,161	1,145	1,142	1,541
Resettech, Development & Testing	KSF			1	-	
	KSF	736	736	22	08	22
Other Covered Storage	KSF	Not Available Separately Included Above		713	637	707
Hospital & Medical	KSF	463	097	457	455	470
Administration	KSF		535	518	535	535
	KSF	4,011	3.757	3,840	4,118	4,118
Community Facilities	KSF		1.284	1,299	1,222	1,281
Family Housing	KSF	4.565	4.758	6,637	5,352	5,352
*	KSF		321	340	362	387
Buildings	KSF		08	87	09	127
Opper	KSF	Not Available	9	_	50	16
E		Y and mort norman Deviation from Base Y	Perved Served	in the total Beniders fo Mrs. Benident Broule	A branchest in Branchest A	And the Bearing

				-		
	UNITS/FY	æ	R	n	Ŕ	R
1. Energy Consumption & PO	UMBTU	1,486,418	1.528.207 (2.81	1,479,150 (- 0,51	1,417,191 (-4,7)	1,534,952 (+3.
2. Thermal En Corre & PO	Metu	817,530	809.950 1-0.91	769.158 (- 5.91	722,768 (-11,6)	859,574 1 + 5.
3 Electrical fin Core & PO	UTBM	888 888	718.257 1 7.41	9	694, 423 1 3.81	675.378 (+1.
4. Resident Population & PO	PEOPLE	7,155	6.924 1- 3,21	6,936 (- 3,1)	9 - 1 - 699	6,669 (- 6.
5. Non-Resident Population B PD	PEOPLE	6.917	8.697 (25.71	7,784 112.51	5.057 (-26.9)	5,121 (-26.
6. Population Served** & PD	PEOPLE	14.072	621	-	ļ	-
7. Effective Population*** B PD	FOFE	9,461	-	-	8,355 (-11.7)	8,376 (-11.
8. En Consumption/Pap Served & PD	MBTUCAP		7 - 1 8 . 76	100.5 1- 4.91	120.8 (14.4)	130.2 (23.
9. En Communication Ett Pap & PO	MBTUCAP	157.1	155.6 (- 1.0)	155.2 1-1.2 1	169.6 1 7.91	183.2 (16.
10. Electric En Contumption/Resident Population	MBTUCAP	93.5	103.7 (10.9)	102.4 1 9.5 1	104.1 1 11.41	101.3 (8.
11. Installed Ale Cond Capacity & PD	TONS	3.007	2,989 1-0,61	3,133 (4,2)	-	3,143 1 4.
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	222.4		226.6 (1.91	-	214.9 (- 3.
13. Assi Property Inventory (FPR & PD)	KSF	8,660]	Ī	7,920 1-8,51	7.562 (-12.
14. MPVEMective Population	KSF/CAP		.76 (-16.4)	18.	95 (.901 - 1.
15. Energy Consumption/GSF & PD	BTUGSF	171,642	203,354 (18.5)	191,525 (11.6)	178,938 (4.3)	202,982 (18.
18. Thermal En Consumption/GSF & PO	8TU/GSF	64,403	107,778 (14,2)	99,593 (5.51)	91,258 1- 3.31	113,670 , 20.
17. Electrical En Consumption/GSF & PO	BTUKGSF	77.239	-	91,932 (19.0)	87,680 (13.51)	89,312 (15.
18. NPI by Category	KSF					
Training	KSF	794	419	505	479	787
Meinenance & Production	KSF	529	516	\$00	568	167
Nesserch. Development & Tessing	KSF	156	238	359	359	359
Storage	KSF	728	467	12	12	19
Other Covered Storage	KSF	Not Available Separately-included Above		482	797	799
Hospital & Medical	KSF	556	659	634	635	601
Administration	KSF	850	776	795	678	714
Bachelor Housing	KSF	1,284	928	1,012	196	979
Community Facilities	KSF	1,058	845	851	831	852
Family Housing	KSF	2,603	2,338	2,339	2,458	2,339
Operational Buildings	KSF	379	250	180	2.08	1 02
Unitiry Buildings	KSF	50	7.4	51	85	85
Other	KSF	No. Aveilable	-	3		

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	1	+	+		R	R
	CHETSIFY	Ŕ	R		16 16 1 1 31	888.423 (-29
!	11,047	1 255 87.7	907.267 1-27.81	1		568 591 1-31
I. Energy Consumption & PO	200	750 000	598 797 (-27.8)	619,159 (-25,3)	1	-
2. Thermal En Con & PO	MBT	878,820	1, 2,	318.960 1-25.3 11	276,070 1-35,31	-
3 Parceical for Core for PD	MBTU	426,986	19		-	2,302 1 2,2
2	FOFE	8,511	1	}	3.797 (-51.3)	3,730 (-52
	PEOPLE	7.790	3,782 (-51.5)	1	6 190 1 -62.91	6,112 1-62.5
5. Non-Headers II. Nation of To	3 60.00	16 301	-1	١		3.625 1 -67
6. Population Served** & PD		11 100	4.296 1-61.31	4,070 1-63.4 1		17.88 1 7.571
7. Effective Population*** & PD	100	0,1,11	111 1 1 72 81	141.3 1 83.4)	-(-
B. For ConsumericanPlace Served & PD	METUCA	0.//	1	730.5 (103.9)	-	
S. Committee of Pop Is PO	MBTUCAP	113.0	-{	1	115.4 (130.0)	7
S. C.	METUCAP	50.2	101.0 1102.01	:	7 552 (13.31	2,542 (14.2
Name of the last o	TONS	2 225	Ī	1, 5.65 , 9.55 ,	-	125.8 (-34.4
11 Installed Ale Cond Capacity 9 TO	ACTUTAL	191.9	139.1 (-27.41	\ر.	Ţ	62-1 199.7
12. Blac Energy/Ton of Aer Coria & FU	200	6 580	4,503 (-32 1	4,663 (-29	9	11.29, 117
13. Real Property Inventory (RFI) IS FO	2	65	1.05 (76.9)	1.15/ 93.4 1	6 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	0 - 1 698.061
14. RPUEMective Population	ASA S	100 857	201,480 (5.6)	201,183 (5.4)	-	121 832
15. Energy Companyation/GSF B PD	I		132 977 1 5.51	132,781 (5.4)	-1	08.5 49
18. Thermal for Consumption/GSF is PD	1	906,621	68 503 6 5.61	68,402 (5.4)	-1	XXXXXX
17. Elecanosis En Comaumphon/GSF & PO	3	64, 891				
18. RPI by Category	25		1 306	1,315	1,362	2,507
Training	¥St.	1,285		009	709	50
Asimenance & Production	KSF	595	255			
Contractor & Towns	KSF		**************************************		7	7
,	XSX	390	327	25.5	330	331
	N. C.	Nos Available Separately-Included Above			47	37
Chief Covered Statemen	2	06	87	/ 7	783	610
Hospital & Medical		6.38	709	591	035	338
Administration	2	253	347	352	153	375
Sechelor Housing	2	202	178	380	3/5	087
Community Facilities	2	370	780	786	98/	35
Farnity Housing	KSF	2,632	20/	35	35	55
Operational Buildings	XSX.	36	000	26	24	707
Differ Buddhare	253	28	10	25	10	
Clarity Comments			-			

FY75 data includes Selfridge Area Support Center, MI, which was a sub-activity of Ft Sheridan at that time. As of Fy76, Selfridge was transfered to DARCOM.

U.S. Army - ANALYSIS OF ENERGY	GY CONSUM	CONSUMPTION - INSTALLATION	FT. STEWART, GA	MACOM FORSCOM	CLIMATIC REGION 6 HDD1,713	51,713 CDD 2,414
		-	-	-	-	-
	UNUTSIFY	Ŕ	£	n	R	R
1. Energy Consumption & PD	UTBA	1,086,809	1,450,952 (33.5)	1,848,113 (70,0)	2,188,047 (101,3)	2.278.727 (110)
2. Thermal En Cone & PO	MBTU	097,957	638,419 1 39,91	794,689 1 74.11	831,458 1 82.21	865,917 1 90 1
3. Electrical En Cone & PO	MBTU	630,349	812,533 (28,91	1,053,424 (67.1)	1,356,589 (115,2)	1,412,810 (124)
	PEOPLE	12,757	17,767 (39,31	19,934 (56,31	21,566 1 69,81	121,715 1 70.21
٤	PEOPLE	6,437	11,096 1 72.41	11,613 (80,4)	10,983 (70,61	15,033 (133.5)
6. Population Served** 6 PD	PEOPLE	19,194	28,863 (50,41	31.547 (64.4)	32,649 (70,11	36,748 (91.5)
	PEOPLE	14,903	21,466 1 44.01	23,805 (59.7)	25,327 1 69.91	26,726 1 79.31
٤	MBTUICAP	9.95	50.3 (11.2)	58.6 (3.5)	67.0 1 18.41	62.0 1 9.51
9. En Consumption/Eff Pop & PO	MBTUICAP	72.9	67.6 1-7.31	77.6 1 6.51	86.4 (18.5)	85.3 (16.9)
Population	MBTU/CAP	7.67	45.7 (-7.4)	52.8 (6.9)	62.6	65.1 (31.7)
11. Installed Air Cond Capacity & PD	TONS	8.054	12,695 (57,6)	-	,,	17,413 (116.2)
12 Elec Energy/Ton of Air Cond & PO	MBTU/TON	78,3	64,0 1-18,21	104.3 (33.3)	-	81.1 (3.7)
13. Real Property Inventory (RPR & PO	KSF	6,357	6,678 (5,0)	8,677 (36.5)	10,002 (57.3)	11,860 (86.64
	KSFICAP	.42	45.7 1 - 7.41	52.8 (6.9)	62.6 (26.7)	0.7 1 77
	BTUKESF	170,962.6	217,273.4 (27.1)	212,989.9 1 24.61	218,760.9 (28.0)	192,135.5 (12.4)
	BTU/GSF	71,804.3	95,600.3 (33.1)	91,585.7 (27.5)	83,129.2 (15.8)	73,011.6 (1.7)
eumption/GSF is PD	BTU/GSF	99,158,3	121.673.1 (22.7)	121.404.2 1 22.41	135,631.8 (36.8)	119,123.9 (20.1)
18. RPI by Congary	KSF	***				
	KSF	573	559	568	661	860
	KSF	856	855	840	747	952
. Dev opment & Testing	KSF					
	KSF	791	774	62	08	62
•	KSF	Not Available Seperately Included Above	BASE	810	810	854
***	KSF	257	257	238	263	567
	KSF	314	307	389	4 02	441
	KSF	953	1.302	1,613	1,854	2,954
1	KSF	631	636	832	958	993
	KSF	1,711	1,711	2,603	3,468	3,468
ŧ.	KSF	197	205	518	624	822
Buildings	KSF	74		97	86	109
Other	KSF	Not Available BASE		06	37	34

CMABE

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUM	PTION - INSTALLATION	VANCOUVER BARRACKS, WA	MACOM FORSCOM	CLIMATIC REGION 3 HDD 4, 792	4,792 CDD 300
		-		-		-
	UNITS/FY	ĸ	R	77	۶	2
1 Energy Consumption to PD	MBTU	52,181	51,235 1- 1,81	1 6.8 -1 97.24	18.905 1 - 6.31	50,732 , - 2.
2 Thermal En Cons & PO	MBTU	40,702	34,328 (-15.7)	30,430 (-25,2)	29.831 (-26.7)	31,454 1 -23
3 Electrical En Come & PO	MBTU	11,479	16,907 (47.31	17,116 1 49,1 1	19,071 1 66.11	19,278 1 +68
4. Readent Population & PD.	PEOPLE	45	40 (-11,1)	28 (-37.8)	106 (135.6)	115 (155.
5. Non-Resident Population & PD	PROPLE	73	90 (23,31	120 164.41	33 (-54.81	12 (-83.
8. Populerion Served** Is PO	PEOPLE	118	130 (10.2)	148 (25,4)	139 1 17.81	127 (7.
7 Effective Population*** 6 PD	PEOPLE	69	70 (1.4)	68 (- 1.4)	117 (69.61	119 1 72.
8 En Consumption/Pap Served & PD	MBTU/CAP	442.2	394.1 1-10.91	321.2 1-27.4 1	351.8 1-20.41	399.5 1 - 9.
9 En Communicación Pop & PO	MBTUICAP	756.2	731.9 1- 3.21	699.2 (- 7.5)	417.0 1-44.71	426.3 (-43.
10 Eleutric En Consumption/Resident Population	MBTU/CAP	255.1	422.7 (65.71	611.3 (139.6)	179.9 1-29.51	147.61 -34.
11 Installed Air Cond Capacity B PO	TOMS		-	-	-	-
12 Elec Energy/Ton of Air Cand & PO	MBTU/TON		~	-	-	-
13. Real Property Inventory (RPI) 6-PO	KSF	645	1 0 1 579	644 1- 0.2 1	1,082 / 67.81	880 1 35.
14. RPVEMactive Population	KSE/CAP	9.35	9.21 (- 1.4)	9,471 1.31	9.25 (-1.1)	7.391 -20.
15. Energy Consumption/GSR & PD	BTU/GSF	80,901	18.1 - 1 .81	73,829 1-8.71	45,196 1-44.111	57,650 1 -28.
18. Thermal En Con. umption/GSF & PD	BTUIGSF	63,104	53,222 (-15.7)	47,251 (-25.1)	27,570 1-56.31	35,743 (-23.
17 Electrical En Conjumption/GSF & PD	BTUGSF	17, 797	26,212 1 47,31	26,578 (49.31	17,626 (-1.0)	21,967 123.
18. RPI by Casegory	KSF	***************************************				
Transing	KSF	2 68	2 68	2.68	407	27.2
Memenence & Production	KSF	26	16	97	171	76
Research, Development & Testing	KSF			_		
Storage	#S#	87	87			174
Other Covered Storage	KSF	Not Available Separately-Included Above	DOVE BASE	87	76	53
Hospital & Medical	KSF	1	1	1	7	c.
Administration	KSF	117	117	117	, 6.5	11,7
Bechalor Housing	KSF	35	35	35	92	52
Community Facilities	KSF	38	38	38	52	38
Ferraly Housing	KSF	0.4	7,0	40	41	07
Operational Buildings	KSF	,				1
Unitry Buildings	KSF	-	1	_		6
Other	KSF	Not Available BASE				27

C ASSISTED TO SHOW THE PROPERTY OF THE PROPERT	ALI STOP A	ONSTIMEPTION - INSTALLATION	FT. WAINWRIGHT, AK	MACOM FORSCOM	CLIMATIC REGION 1 HDD 14, 345 CDD	52	
		-			W	A.	҈
	UNITS/FY	ĸ	æ	и	R	E.	
3	MBTU	2 248 103	2.017.308 (-10.3)	1,828,570 (-18.7)	1,832,720 (-18,5)	1,832,431 (-18,5)	
	MBTU	2 232 675	2 014 025 (- 9.8)	1.825.925 -18.2	1.831.200 (-18.0)	1,829,925 (-18.0)	
Carlo	MRTU	15.428		2,645 ←82.9 1	1,520 1-90.11	2,506 (-83.8)	
•	PEOPLE	5 833	6,996 (19.9)	6,454 (10.6)	6,631 13.71	-	
8	PEOPLE	779	731 (- 6.2)	729 1- 6.4 1	746 (- 4.2)	-	
	PEOPLE	6-612	7,727 (16.9)	7,183 (8.6)	-	9,669 (46.2)	
	S MODE	6.093	7,240 (18,81)	1 6.6 1 769, 8		7,784 (27,8)	
	AATTI II AP	0.025	261.1 (-23.2)	254,6 (-25.1)	248.4 (-26.91	189.5 (-54.3)	
a to Company and the Book Book Book	MBTUCAP	358.9	و	273.0 (-26.0)	266.4 1-27.81	235.4 (-36.2)	
Providenton	MBTUCAP	2.6	.5 1-82.31	1 5.48-1 2.	ر.	.4 (-86.1)	
	TONS	293	342 (16.7)	342 (16.7)	342 (16.71		
_	MBTUTON	52.7	9.6 (-82.0)	7.7 (-85.3)	7.7	20.2 (-61.6)	
	JS X	5.621	5,615 1-0.11	5,615 ← 0.1)		6,360 (13.1)	
	KSEICAP	. 92	.78 (-15.9)	.84 ← 9.1	.82	ž	
2	8TU/GSF	399, 947	359,271 (-10.2)		1	,118	
2	BTWGSF	397,202	358,686 (- 9.7)	325,187 (-18.1)	326,126 (-17.9)	28/,724 (-2/.6)	
_	BTU/GSF	2.745	585 1-78:71	471 (-82.81	271 (-90,1)	394 (-85.6)	
	KSF						
	KSF	1	1	1	1	7	
nos & Production	KSF	756	754	754	754	/88	
Testino	357	33	33	33	33	36	
	KSF	532	525	90	06	06	
Special Shares	KSF	Not Available Separately included Above		435	435	466	
	KSF	161	161	161	161	160	
	KSF	126	135	135	135	245	
	KSF	976	973	973	973	1,365	
3	4SF	355	356	356	356	412	
•	352	761 6	2.394	2,394	2,394	2,385	
	5	35	33	33	33	35	
Constitution of the Particular	200	252	246	246	246	264	
	No.	More Aveilables RASE		7	7	110	
				Anna Company Company	+ President +	1/3 Mon-Beardant	

FY 77 ECIP - Insulation and Heating Controls - \$990,496 - Completed (estimated) June 1978

FY 77 Family Housing ECIP Improvements \$1,581,991 - Completed (estimated) October 1978

FY 78 ECIP - Insulation and Heating Controls - \$2,475,730 - Completed (estimated) December 1979

U.S. Army - ANALYSIS OF ENERGY (SY CONSUN	CONSUMPTION - INSTALLATION YAKIMA FIRING CTR, WA	KIMA FIRING CTR, WA	MACOM FORSCOM	CLIMATIC REGION 2 HDD 5,109 CDD 479	6,109 COD 479
			1. 1 1 1	1 1 1	1 1 1	
	UNITS/FY	1º	R	и	#P	£
1. Energy Consumption & PD	MBTU	172,024	182,095 (5,91	192,104 (11,7)	169,456 1-1.51	157,423 (- 8.5
	MBTU	101,495	87,406 1-13,91	94,131 (- 7,3)	89,812 (-11,5)	77,138 1-24 1
	MBTU	70.529	94,689 (34,3)	97,973 (38,9)	79.644 (12.9)	En 285 (13.8
4. Readent Population & PD	PEOPLE		310 (51.2)	333 1 62,41	16, 97 1 79, 01	255 1 24.41
٤	PEOPLE	000	173 (96.61	215 (144.31)	482 (447.71	486 (452.3)
	PEOPLE	793	18.79 1 68.81	548 (87.01	18.6811 678	741 1 152.9
٩	FOFE	234	-	-	Ī	-
5	MBTU/CAP	587.1	377.0 1-35.81	1.5	9	212,4 (-63.8
9. En Consumption/Eff Pop & PD	MBTUCAP	735.1	494.8 (-32.7)	474,3 (-35,51	320,9 (-56,31	377.5 1 -48.6
are Population	MBTUCAP	344.0	305.4 (-11.2)	294.2 (-14.5)	217.0 1-36.91	314.8 1 - 8.51
11 Installed Air Cond Capacity & PD	TOMS	1	-	-	-	33 ()
_	METUTON		-	-	-	-
	KSF	769	654 1 - 5.71	592 (-14,7+	665 (- 4.2)	663 1 - 4.5
	KSFICAP	2.97	1.78 (-40.1)	1.461-50.1	1.26 (-57.5)	1.591 -46.4
15. Energy Consumption/GSF & PD	BTU/GSF	247,873	278,432 (12.3)	324,500 (30.91	254,821 (2.8)	237,440 4.3
 Thermal En Consumption/GSF & PO 	BTU/GSF	146,246	-	159,005 (8.7)	135,056 (-7.7)	116,347 1 -20.4
17 Electrical En Consumption/GSF & PD	8TU/GSF	101,627	144,784 (42.5)	-	119,765 (17.8)	121,093 , 19.2
18. RPI by Cenegory	KSF					
Training	KSF	107	107	77	114	114
Maintenance & Production	KSF	70	7.0	71	73	14
Research, Development & Testing	KSF		ļ	1	1	1
Storege	KSF	107	107	24	21	21
Other Covered Storage	*S*	Not Available Separately Included Above	We BASE	83	- Lα	86
Hospital & Medical	KSF	3	3		3	3
Administration	KSF	43	3	3	3	3
Bechelor Housing	KSF	273	273	273	273	2/2
Community Facilities	KSF	24	24	24	75	2.5
Farmity Houseing	KSF	-	-	•		•
Operational Buildings	KSF	43	43	43	43	43
Unitry Buildings	KSF	24	23	23	23	23
Other	KSF	Nor Available BASE		1	1	1

		į.	RELYOIR, VA	MACOM TRADUC	CLIMATIC REGION 3 .	HDD 4,819 CDD 1,120	
11 S. Army - ANALYSIS OF EVERGY	Y CONSUMPT			A	₽	A	I
	-	4	+		F	F	
_	200	ĸ	92	"	7 480 304 1 20.0	1 2,477,	11.0
-,-	13.00	2 222 740		2 316 384	-		36.01
1. Energy Consumption & PO	200	1 320 007	1 122 939 1- 8.5	1 2 2 3 3 3 7 1	1 259 742 (25.		
2. Thermal En Come & PO	DI BAN	180, 223	1.036.559 3.2 1	1.04.572	9 - 9 979 6		
3. Electrical En Cons & PO	MOLO	100000000000000000000000000000000000000	9.743 1-5.7	-	6 872 (- 8.	1 1 7 505	,
4. Resident Population & PO	PEOPLE	100	7.851 (5.9.1	27	16 518 1- 7.	3 1 16,448	
5. Non-Resident Population B PD	200	7,847	17.594 '= 1.2 '	733	٦	11,4	-10.8
A Provision Served** to PD	ROPLE		19.8 -1 098.61	-	7.66 2 67 67	-	20.71
0.4	PEOPLE	12,826	173 7 12 7.1 1	-		216.5	1 77 72 1
Comments of the Party of the Pa	MBTUCAP	125.4	200	102.9 (10,8)		-	1 56.71
S En London Company of the Party of the Part	MBTUCAP	174.1	-	108.4 / 11.51	١	100	1 57.47
9 En Consumption En rop a ro	METINCAP	97.2	1	11 620 1 50.81	-	1	00
10 Electric En Cons impetonimisation ropalisation	TOWN	7 706	1	\- \- \-	103.8 1-20.3	-	100
11 Installing Air Cond Capticity & PO		7 00 1	104.9 1-19.2		8,713 (3,	5 11 8,541	
12 Sec Energy/Ton of Air Cond & PD	METUTOR	ı	8 R91 1 5.61	8 /4		-	19:61
13 Best Property Inventory (MPS & PD	XSX.	8.4.8	0.72 1 9.51	-} -}	207 671 1 16.0	.01 286,753	1
Company of the Compan	KSFICAP	0.00	17.8 -1 380 070	-	1000	R 1 129,039	(-11.5)
Carlotte Comments of the Pick	STUIGSF	265, 203	1 7 1 1 1 1 7 7 7 5 1	145,735 (0.01	103 (139	-	1 32 1
Of 6 September 65 B PO	BTUGSF	145.861	116 585 (- 7.31	-	144,387		$\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}{\overset{\times}$
Of of Statement of the Party of	BTUIGSF	119 34 0000			(X	138	
1) Electrical En London parameter	181			1.122	1,122	5869	
18 Ital Dy Campbary	KSK	585	7	565	565	830	
	352	574	287	741	839		
Majoritaniance of Production	5	740	741	18	19		
Support), Development of Jenary	2	346	524	532	531	23/	
Storage		Aire Averante Separatery Included Above			318	0.75	
Other Covered Storage	2	22%	368	255	578	7/5	
Hospital & Medical		333	617	3/3	1 533	1,411	
Administration	2		1 682	1.040	879	643	
Bachelor Housing	TS.		999	637	2 338	2,330	
Community Facilities	XS.	997	9 138	2.338	89.	196	
Farmer Meximum	KSF	2.338	101	177	307	54	
Oversional Buildings	KSF.	194	72	35		80	
The Backway	KSF	50		25		A. Phone Paracherit	
Clienty descende	¥S¥	Nor Aveilable BASE		Consent is the total Resident & Non-Resident Population		***Eff Pop is Resident + 1/3 recommendation	
		*PD as Percent Deviation from Bees Year					

FY 76 ECIP - Insulation and Storms - \$662,000 - Completed May 1977
FY 77 ECIP - Insulation and Heating/Cnoling System Improvements - \$1,475,318 - Completed (estimated) June 1978
FY 77 Family Housing ECIP Improvements - \$134,015 - Completed (estimated) October 1978 $\triangleright \triangleright \triangleright$

U.S. Army - ANALYSIS OF ENERGY	IGY CONSUM	CONSUMPTION - INSTALLATION	FT. BENNING, GA.	MACOM	CLIMATIC REGION	HDD '	HDD 2,404 CDD 2,203	50.
		- -		-		A AA	-	-
	UNITS/FY	JE.	22	π.	۶		۶	-
1. Energy Consumption & PD	MBTU	4, 054, 399	4,118,100 1,161	4,610,604 (13,7)	4,618,082	13.9 !	4,425,787	1 6.21
2. Thermal En Cons & PD	MBTU	2.311.008	2.264.955 (- 2.01	2,628,045 (13,7)	2.539.946 (- 6.6	2,345,668	1.51
3. Electrical En Cons & PO	MBTU	1.743.391	_	1.982.559 (13.7)	2.078.136	19.2	2 060,119	- 61+)
4. Readent Population & PD	PEOPLE	23.646	23,909 (_1.1)	27 186 (15.0)	26.083	10.1	27.831	1 17.21
5. Non-Resident Po suletion & PO	PEOPLE	13.419	13.530 , 0.8 1	13,716 (2.2)	13,481	0.5 1	17.224	1 28.41
6. Population Served** & PD	PEOPLE	37,065	37 439 (1.01	40.902 1 10.41	39.564	6.7 1	45.055	1 21.61
7. Effective Population*** & PD	PEOPLE	28,119	28.419 (1.1)	31,758 (12,91	30,577	8.7.1	33,572	1 19.41
8. En Consumption/Pop Served & PO	MBTUCAP	109.4	109.9 (0.6)	112.7 1 3.13	116.7	6.7.1	98.2	1-10.2
9. En Consumption/Eff Pop & PO	MBTUCAP	144.2	144.9 ' 0.4 '	145.2 1 0.61	151.0 (4.7.1	131.8	1-8.61
10. Electric En Coneumption/Resident Population	MBTUICAP	73.7	77.5 (5.11	72.9 (-1.1)	79.7	8.1.1	74.7	
11. Installed Air Cond Capacity & PD	TONS	20.856	20.497 (- 1.7)	22,985 1 10.2	-	30.0	27.520	1 30.7
12 Elec Energy/Ton of Air Cond & PD	MBTU/TON	83.6	90.4 1 8.2 1	86.2 (3.2)	77.3 1-	7.5.1	75.6	19.6
13. Real Property Inventory (RPI) & PD	KSF	21.239	20,499 (- 3,51)	20,172 1-5,01	19,455 1-	8.4 1	20,385	1-4.01
14. RPVEMective Population	KSF/CAP	1 9/-	172 1- 4.51	51-1 69	79.	1-15.7 1	. 61	1-19.61
15. Energy Consumption/GSF & PO	BTU/GSF	190,894	200.893 1 5.21	228.564 (19.7)	237,372	24.3 1	217,110	13.71
16. Thermal En Consumption/GSF Is PO	BTU/GSF	108,809	110,490 1,51	130,281 (19.7)	130,555	20.01	115,068	1 5,81
17 Electrical En Consumption/GSF 6 PD	BTU/GSF	82.084	90,401 (10,1)	98.283 (19.7)	106.817	30.1 2	102.041	1 24.31
18. RPI by Caragory	KSF				\times	$\stackrel{\sim}{\sim}$	$\times\!\!\!\times\!\!\!\times\!\!\!\times\!\!\!\times$	XX XX
	KSF	1.571	1 623	1,718	1,731	_	2,159	
Maintenance & Production	KSF	1,484	1,381	1,348	1,362		1,333	
Research, Development & Testing	KSF	5	5	2	5		14	
	KSF	1,445	1,267	89	71		7.2	
Other Covered Storage	KSF	Not Available Separataly-Included Above		1,230	1,157		1,130	
Hospital & Medical	KSF	561	554	522	\$01		505	
Administration	KSF	771	147	750	669		574	
Bechelor Housing	KSF	7.439	6,430	6.088	5,290		6,011	
Community Facilities	KSF	1.648	1,562	1.522	1,551		1,537	
Family Housing	KSF	5,922	6,406	6.518	6,587		. 592	
Operational Buildings	KSF	309	260	250	237		227	
Unitry Buildings	KSF	84	80	1.02	191		116	
Other	KSF	Not Available BASE	166	51	73		115	

*PD a Ferent Deveton from Base Yee

'Population Saved is the loral Reachest Population

FY 77 ECIP - Storms, Solar Screens and Heating/Cooling System Improvements - \$463,080 - Completed (estimated) June 1978

FY 76 ECIP - Insulation and Heating Controls \$458,754 - Completed July 1978

FY 77 Family Housing ECIP Improvements - \$345,000 - Completed (estimated) October 1978

REMARKS $\overline{\phi}$

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	SY CONSUM	PTION - INSTALLATION	FT. BLISS, TX	MACOM TRADOC	CLIMATIC REGION 7 HDD 2,432 CDD 2,253	HDD 2,432	CDD 2,253	
			1 -1 -1 -1	111	1 1 1	1	1	
	UNITS/FY	ĸ	26	μ	更		2	
1. Energy Consumption & PD	MBTU	3 345 884	3.256.202 (- 2.7)	3,437,802 (2,7)	3.053.193 1-8	3,116.	6,158 (-	16.9
2. Thermal En Cons & PD	MBTU	1.873.696	1,725,788 (-,7,91	1.822.036 (- 2.8)	1 496 065 (-20	7 1	558.079 (-	17.01
3. Electrical En Cone & PD	MBTU	1 472 188	1 530 414 (4.0)	1,615,766 (9.8)	1,557,128 1 5	8 1 1 558	8.079	5.81
4. Resident Population & PD	PEOPLE	21.598	22.838 (5,7)	22,673 5.03	21,202 1-1	20 [18.	20,750 (-	3.91
Ę	PEOPLE	14 977	15.674 (4.7)	17,737 1 18,41	18,345 1 22	15.1	15.965	9.9
	PEOPLE	36.575	38.512 (5.31	40.410 (10.5)	39,547 1 8	8.1 1	36,715	0.4.
٩	PEOPLE	26.590	28.063 1 5.5 1	28.585 (7.51	27,317 (2	26	26,072 1-	1.91
8	MBTUCAP	91.5	19.6 (- 7.6)	85.1 1-7.01	77.2 1-15.6	-	-1 6.78	17.
	MBTU/CAP	125.8	116.0 (- 7.8)	120.3 (- 4.4)	111.8 (-11,2	.21	ľ	- 5.01
ant Population	MBTUCAP	68.2	[71.3 1 4.51	73.4 (7	.7.	75.1	10.21
	TONS	5.715	5,670 (- 0,8)	5.689 (-0.4)	5,742 (0	0.5 1	5,787	1.21
_	MBTUTON	257.6	269.9 1 4.81	284.0 (10.3+	271.2 (5	1.3.1	269.2	4.51
	KSF		<u> </u>	16,916 (- 1.5)	17.048 1- 0	0.8 1	17,108	1,0
	KSFICAP	59.	.61 (- 5.4)	14.8 -1 65.	.62 (- 3	7.	1 99.	1.51
15. Energy Consumption/GSF fs PD	BTUGSF	194,732	189,877 (- 2.51	203,228 (4.4)	179,094 1-8	8.01 182	182,146 (-	6.51
٤	BTU/GSF	109,049	100,634 (- 7.7)	107,710 (- 1.2)	87,756 (-19.5	_	91,073	-16.51
17 Electrical En Consumption/GSF & PD	BTUGSF	85,682	89,242 (4,21	95,517 (11,5)	-		1,073	6.31
18, RPI by Campory	KSF				$\overset{\circ}{\sim}$	***	∞	$\overset{\wedge}{\otimes}$
Training	KSF	1,751	1,767	1,758	1,729		1,694	
Mantenance & Production	KSF	1,298	1,309	1,144	1,346	1	1,360	
Research, Development & Testing	KSF	92	146	147	146		150	
Storage	KSF	1,401	1,397		56		108	
Other Covered Storage	KSF	Not Available Separately-Included Above		1,300	1,286		1,27	
Hospital & Medical	K6F	776	878	903	860		867	
Administration	KSF	982	982	962	958		1,039	
2	KSF	4 271	4.271	4.244	4,235	7	4,177	
Community Facilities	KSF	1.168	1.155	1,148	1,172	-	1,142	
Family Housing	KSF	4.841	4,883	4.884	4,884	4	4 900	
B. 10	XSF	75.7	315	269	266		274	
Unifity Buildings	KSF	1	9.5	87	78		80	
Other	KSF	Not Available BASE			32		01/	
		*PD is Percent Deviation from Base Year		"Providerion Served is the total Besident in Non-Besident Providition	tion Resident	derk + 1/3 Non-Residen	Parity .	

FY 78 ECIP - Gas Fired Water Heaters - \$77,314 - Completed (estimated) December 1979

		, MOITA LIATORI	Ad SWARE BLANK	MACOM TRADOC	CHIMATIC BEGION 3 HOD 5.269 CDD 995	3 HDD	5.269 CDD 99	10
U.S. Army - ANALYSIS OF ENERGY CONSOMETION - INSTALLATION - LABORITATION - INSTALLATION - INSTAL	GY CONSOM				- -	-	_	- -
	UNITS/FY	ĸ	2	11	R		P.	
1 Energy Consumption is PD	MBTU	387 816	383, 529 (0.21	383.056 (0.1)	384,531	17.0	347.251	1 - 9.31
	MBTU	710 910		210.681 (- 3.5)	211,493	- 3.11	184,044	1-16.0
	MBTU	16. 610	11 ,	172,375 1 4,71	173,038	5.1.5	163,207	6.0 -
٥	PEOPLE	1 535	556	1, 590 1 3.6	1.537	0.11	1,537	0.1
8	PEOPLE	53, 1	1 416 (- 2 51	(£.0 - 1 622 r	1.483	2.11	1.483	1 2.1
	9090	980	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 020	1.11	3 020	1.1
•	PEOPLE	2 010	-	7.073 (2.7)	2.031	0.61	2,031	19.0
8	MATERICAP	1.08.1	-	126.0 1 - 1.6	127,3	19.0 -	115.0	(-10.3
	MATINCAP	2 000	-	15 2 - 1 8 781	189.3	- 0.21	171.0	8.6
Providence	MBTU/CAP	107.2	-	7	112.6	5.01	106.2	ē
	TOMS	2,27	-	1 707 1 26 7	1 707 1	26.7 1	1.707	2.95
_	MBTLITON	132.3	- 8	-	101.4	-17.11	95.6	1 -21.8
	201	7,77	9	-	-	19.6	1.493	19.9
	KSEICAB	The state of the s	7	72 +		-0	7.7	0.9
	BTINGS	273 7.57	_	256 568 (- 6.2)	257.556	- α. -	232,586	1-14.9
8	aTI IICCE	155 050]	177	- 9.11	123.271	1 -20.9
	1000	133,009			11.		716 601	5 / 1
amptendist a ru	300	*******			Х		XXXXX	
eg ov,	KS.	****	***************************************					
	KSF	194	194	253	252		757	
Maintenence & Production	KSF	40	40	24	24		24	
Research, Development & Testing	KSF	•	_		1			Ì
	KSF	71	71	•	1			
wared Storage	KSF	Not Available Separately-Included Above	DOVE	53	53		53	
	KSF	17	17	77	77		77	
	KSF	39	45	100	100	-	100	
2	KSF	110	110	107	108		108	
	KSF	11,0	247	211	211		211	
	KSF	579	579	929	929		676	
	KSF	20	20	12	12]	12	
	KSF	~	1	12	12		12	
	52	Not Available BASE			- 1		1	
			of the contract of the contrac	the trial Secretary for Box Desident Pro-	TOTAL HEAD OF THE PARTY OF THE	Bearings	*** Eft Bro is Beautiers 4 1/3 Mon Standard	

FY 77 Family Housing ECIP Improvements - \$278,724 - Completed (estimated) October 1978

						2 226 5 2 622
DE ATTEN - ANALYSIS OF ENERG	Y CONSUMPT	RGY CONSUMPTION - INSTALLATION	FT. CHAFFEE, AR	MACOM TRADOC	CLIMATIC REGION 7 HDD 3,339 CDD 2,321	270,7 000 000
Co. Name - National Co.			-	-		-
	1				5	2
	UNITSIFY	æ	2			11.5 57/
1	Tan Tan	171 000	421 439 (145.2)	196,484 (14.3)	-	
1. Energy Consumption & PU	200	25, 28,	793	129,680 (30.1)		
2. Thermal En Cons & PO	Cial	23, 25	-	66 804 1 = 2.51	66.975 1-7.21	
3. Electrical En Cons & PO		2 × 2 × 2 × 2	8 288 (65.3)	901 (-82.0	808	948
4. Resident Population & PO	PEOPLE	5,013	-	723 (19.3)	350 (42.21	
5. Non-Resident Population & PO	PEOPLE	606	<u> </u>	-	1 158 1 -79.41	1,316 (-76.6
6. Population Served** 6 PD	PEOPLE	5,621	487	-	-	1.071 1-79.5
Chesting Providence 'B PO	PEOPLE	5,217	-	-].	-	110.6 (261.
Carlo	MBTUCAP	30.6	(45			135.9 (312.
Control of the Contro	MBTU/CAP	32.9	5 1 4	-		0.036) (380.0
S. Ch. Caralleriness rop of the	MBTUCAP	14.4	15,7 1 9,51	-	20.75	
CO. CHECKLE CH. COMMUNICATION OF THE PARTY O	TONS	785	1.010 (28.7)	-	-}-	000
13. Indiana of Constituting of the	MOTHUTAN	0.10	129.3 (40.61	-	7	\
12. Elec Energy/Ton of Air Lond of PU	200	1, 907	11.0 - 1 . 1 . 1 . 1	-]		į
13. Real Property Inventory (RPI) If PU	2000	202,	56 (-40.0)	4.26 (353.8)	.27	
14. RPVEHective Population	Name of the last	35 103	-	40,387 (15.1)	-	
15. Energy Consumption/GSF to PD	2000	20.103	59 430 (191.91	26,656 (30,9	19,766 (- 2.91	
16. Thermal for Consumption/GSF is PD	Sings	665.07		13.731 1 - 6.9	13,735 (= 6.81	13 434 '- 8
17. Electrical En Consumption/GSF & PO	BTUSSF	××××××××××××××××××××××××××××××××××××××				$\stackrel{\circ}{\sim}$
18. RPI by Category	YS.		****	XXXXXXXXXX	136	136
Training	KSF	165	465		010	912
Maintenance & Production	KSF	80%	768	912	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	,
Research, Development & Testing	¥S¥				1.0	188
Storage		410	410	18	308	398
Other County Street		Not Available Separately-included Above		39/	303	307
	Ī	305	305	305	700	125
TOTAL O MACHINE	20	116	116	125	123	2 062
Administration	10,	2 056	2.055	2,062	2.062	20043
Becheior Housing		4,000	818	552	556	000
Community Facilities	2	613		,	2	
Farnity Housing	KSF	4		135	337	337
Operational Buildings	S.	33		23	24	24
Utility Buildings		E	24	,	1	3
Other		Not Available BASE		the sees Besidence & Non-Besident Prouds	aton ***EN Pop is Resident + 1/3 Non-Resident	1/3 Non-Resident

U.S. Army — ANALYSIS OF ENERGY	SY CONSUM	CONSUMPTION - INSTALLATION PT DIX, N	DIX, N.1.	MACOM TRADOC	CLIMATIC REGION H	100 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i
		1 1 1	1 1 1	1. 1. 1.	1111		
	UNITS/FY	ĸ	22	u	R	R	
1. Energy Consumption & PD	MBTU	2.805.469	2.273.214 (- 1.1)	3.021.409 1 7.7	2,771,208 (- 1.2	1 2,629,454	1 - 6.31
2. Thermal En Cone & PD	MBTU		1.913.518 (- 2.6)	2,114,987 (7,7)	1,912,134 (- 2.6	1 1,814,324	1-7.61
3. Electrical En Cone & PD	MBTU	841.640	859,696 (2,11	906,422	859,074 1 2.1	1 815,130	1 - 3.11
4. Resident Population & PD	PEOPLE	15,255	20,736 (31.61	17_301 (9.8	13,712 (-13,0	13,800	1-12,41
5. Non-Resident Population B PD	PEOPLE	3 368	4 (182 1 21 21	2,058 (-38.9)	5.816 (72.7	5.004	19.87
6. Population Served** 6-PD	PEOPLE	19,123	-	19,359 (1.2)	19,528 (2.1	18,804	1.71
7. Effective Population*** & PD	PEOPLE	16,878	22,097 (30,91	17,987 (6.6)	15,651 (- 7.3	15,468	1 - 8.41
8. En Consumption/Pap Served B PD	METUCAP	146.7	111.7 (-23,8)	156.1 (6.4)	141.9 (- 3.3	139.8	1/:7 - 1
9. En Consumption/Ett Pop & PD	MBTUCAP	166.2	Š	168.0 (1.1)	177.1 1 6.5	170.0	(2.31
0. Electric En Consumption/Resident Population	MBTUCAP	53,4	41.5 1-22.41	52,4 (-1.9)	62.7 (17.3	1.65	10.61
1. Installed Air Cond Capacity & PD	TONS	5,935	6,245 1 5,21	5,103 (-14.0)	5,103 (-14.0	,	10.7[- 1
12 Bec Energy/Ton of Air Cond & PO	MBTU/TON	141.8	137,7 (- 2,9)	177.6 1 25.31	168.3 (18.7	159.7	12.61
3. Real Property Inversory (RPI) & PD	KSF	11.920	11,095 (- 6,9)	11,639 (- 2.4)	11,572 (- 2.9	11,458	16.6 - 1
14. RPIEMective Population	KSF/CAP	.71	.50 (-28.9)	.65 (- 8.4)	7.2 1 27.	1.	(6.7)
15. Energy Consumption/GSF B-PD	BTU/GSF	235,358	249,951 (6,21	259,593 (10,3)	239,475 (1.7	1 229,486	15.2 - 1
8. Thermal En Consumption/GSF B PD	BTUGSF	164,750	172,466 (4.7)	181,715 (10.3)	165,238 (0.3	158,345	1- 3.91
waumpelon/GSF & PD	BTU/GSF	70,607	-		74,237 (5.1	1 71,140	18.0
it. 16th by Category	KSF		***************************************				X X
Training	KSF	. 566	700	701	687	638	
Maintanance & Production	KSF	331	309	447	777	418	
Research, Development & Teating	KSF	7	7	7	7	77	
Secreta	KSF	877	843	24	24	54	
Other Covered Storage	KSF	Not Available Separately-Included Above		856	833	833	
Hospital & Medical	KSF	581	530	483	483	483	
Administration	KSF	543	645	551	551	545	
Bechelor Housing	KSF	4, 538	3.883	4,095	890*7	7,068	
Community Facilities	KSF	97.1	971	1,273	1,273	1,273	
Farmily Houseing	KSF	3,131	2.771	2.832	2,799	2,799	
Operational Buildings	KSF	218	218	265	297	797	
Unitry Buildings	KSF	160	157	97		76	
		Not Available BASE	260	11	12	12	

FY 77 Family Housing ECIP Improvements - \$506,114 - Completed (estimated) October 1978

U.S. Army - ANALYSIS OF ENERGY	SY CONSUM	CONSUMPTION - INSTALLATION	FT. EUSTIS, VA.	MACOM TRADOC	CLIMATIC REGION 4 HDD	HDD 3,752 CDD 1,585
		-	-	Þ		
	UNITS/FY	R	R	<i>n</i>		2
1. Energy Consumption & PO	MBTU	1 758 995	1 643 932 (- 6.5)	1.831.011 (4.1)	1.832.334 1 4,21	1,612,771 (- 8.3)
	MBTU		088	952,126 (- 3,3)	19.0) 197.686	758,003 (-23.0)
	MBTU	773, 957	854.844 (10.5)	878.885 (13.6)	842,873 (8,91	854,768 (10,4)
4. Resident Population & PD	PEOPLE		705	11,445 (- 1,9)	10.911 (- 6.41	10,257 (-12,0)
8	PEOPLE	4.053	1.12-1 991.5	3,351 (17,31)	8,087 (99,51)	4,190 (3,4)
6. Population Served** & PD	PEOPLE	15.714	ľ	14,796 (- 5,8)	18,998 1 20,91	14,447 (- 8,1)
7. Effective Population*** & PD	PEOPLE	13.012	12,468 1- 4.21	12,562 (- 3,5)	13,607 (4.6)	11,654 (-10.4)
8. En Consumption/Pop Served & PO	MBTUCAP	111.9	- 9	123,8 (10,6)	96.4 (-13.8)	111.6 (- 0.3)
9. En Consumption/Eff Pap & PO	MBTUCAP	135.2	131.8 (- 2,4)	145.8 (7.8)	134,7 1-0.41	138.4 (2.4)
10. Electric En Consumption/Resident Population	MBTUCAP	66.4	75.0 (13.0)	76.8 (15.7)	77.2 1 16.41	83.3 (25.6)
11. Installed Ale Cond Capacity & PD	TONS	8.152	9.009 1 10.51	9,140 (12,1)	9,235 (13,31	9,235 (13,3)
12. Bec Energy/Ton of Air Cond B PD	METUTON	6 76	10.0 1 6.46	96.2 (1.3)	16,5 -1 5,91	92.6 (- 2.5)
	KSF	8 032	7.524 (- 6.3)	6,324 (-21.3)	6,218 (-22.6)	6,503 (-19.0)
	KSF/CAP	-62	.60 1 - 2.21	. 50 (-18,4)	.46 (-26.01	19.6 - 195.
15. Energy Consumption/GSF & PD	BTUKGSF	218.998	218,492 (- 0.2)	289,534 (32,2)	294,682 1 34.61	248,004 (13.2)
16. Thermal En Consumption/GSF & PD	BTUGSF	122,639	104.876 (-14.5)	150,558 (22,7)	159,128 (29,8)	116,562 (- 5.0)
17. Electrical En Consumption/GSF & PD	BTUGSF	96 359	-	-	135,554 (40,7)	131,442 (36.4)
18. RPI by Cetagory	KSF					
Training	KSF	1.351	1 351	1,010	1.015	1,152
Maintenance & Production	KSF	7.58	697	310	310	31.7
Reserch, Development & Testing	KSF	75	54	52	52	55
Storage	KSF	555	532	3	3	7
Other Covered Storage	KSF	Not Available Separately-Included Above		407	405	407
Hospital & Medical	KSF	123	116	151	151	151
Administration	KSF	727	369	325	447	486
2	KSF	2 144	2 036	1.647	1.379	1,431
Community Facilities	KSF	658	607	477	519	562
Family Housing	KSF	2 039	1 793	1.793	1.801	1.813
5	KSF	176	141	65	5.5	55
Unitry Buildings	KSF	5.0	5,6	53	50	40
Oppos	KSF	Not Available BASE		31	3.1	30
•		sed mad action of another from Bear	Very	An part Beardons & Man Bandons Brands	A Smitters is Banidans	1.7 Man Barnishan

REMARKS

Includes Ft Story data which was reported separately in FY75 and FY76, but combined herein for consistency.

FY 76 ECIP - Energy Monitoring and Control System, Phase 1 - \$2,303,000 - Completed June 1977

FY 77 ECIP - EMCS, Phase 2 - Insulation and Storms - \$2,538,000 - Completed (estimated) June 1977

FY 77 Family House - Formal Storms - \$2,538,000 - Completed (estimated) June 1978 FY 77 ECIP - EMCS, Phase 2 - Insulation and Storms - \$2,538,000 - Completed (estimated) June 1978 FY 77 Family Housing ECIP Improvements - \$899,000 - Completed (estimated) October 1978

			1 1 1 1 T				
	UNITS/FY	ĸ	R	n	R	£	
1. Energy Consultation (9 PO	Metu	2 599 043	2,780,017 (7,01	2,877,758 (10,7)	2,714,881 (4,5)	2,589,086 (- 0	7
	MBTU	1 481 455	1.584,610 (7.0)	1.640,323 (10,7)	1,411,739 (-4.7)	-	_
_	MBTU	1 117 588	1.195,407 (7.0)	1,237,435 (10,7)	1,303,142 (16.6)	1,268,652 (+14	-
٥	PEOPLE	11_685	11.052 (- 5.4)	13,101 (12,1)	13,292 (13,8)	14,287 (22	.3
8	PEOPLE	10 7 01	18.6 - 1 0.81	9,493 (111,3)	15'11-1 5476	9,710 1 - 9	.31
	PEOPLE	22 386	20.702 (- 7.51	22,594 (0,9)	22,767 (1,7)	7 1 23,997 (7	.21
£	PEOPLE	15.252	14.269 1- 6.41	16,265 (6,6)	16,450 1 7,81	17,524 (14	.9
2	MBTUCAP	116.1	134.3 (15.7)	127,4 1 9.7 1	119.2 (2.7)	107.9 (- 7.	-
	MBTUCAP	170.4	194.8 (14.3)	176.9 (3.8)	165.0 1- 3.2)	147.7 (-13	3
re Postenion	MBTU/CAP	9 56	108.2 (13.1)	94,4 1- 1.2 1	98.0 (2.5)	7 - 1 8.88	12.
	TONS	76 51	19 434 1 0.51	20,459 1 5.8 1	20,580 (6.4)	20,696 1 7	ō.
•	METUTON	57.8	1 9 1 5 1 6 4 1	60.5 (4.6)	63.3 (9.5)	61.3 (6	6.0
_	KSF	8 941	9.544 (6.7)	1 5.8 1 669.6	9,563 (6.9)	9,573 (7	.1
	KSF/CAP		67 1 14.11	101 1.7 1	.58 (- 0.8)	54.6 1 - 6	8
50.00	BTU/GSF	290.688	291.284 (0.2)	296,707 (2.1)	283,894 1- 2.3)	270,457 (- 7	.01
٤	BTUGSF	165.692	166,032 (0,2)	169,123 (2,1)	147,625 (-10;9)	137,933 (-16.8	.81
_	BTU/GSF		_	127,584 (2.1)	-		5
	KSF					∞	X
	KSF		1.299	1,404	1,404	1,414	
Maintenance & Production	KSF	381	385	422	166	392	
Research, Development & Teeting	KSF	12	18	18	18	16	
Storage	KSF	657	710	1.7	17	17	
Other Covered Storage	KSF	Not Available Separately-Included Above	3SV9	777	732	653	1
Hospital & Medical	KSF	387	1.009	733	717	739	
Administration	KSF	616	631	594	591	613	
2	KSF	2 981	2 952	3,163	3,077	3,057	
	KSF	965	937	676	1,002	1,066	П
	KSF	1.285	1.270	1,270	1,270	1,271	ı
845	KSF	287	241	249	236	226	
	KSF	39	77	88	93	93	
	KSF	Not Available BASE	15	15	15	16	1

HEMARKS

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	UNITS/FY	ĸ	R	1	ę	£	_
1. Energy Consumption & PD	OVERTO	890.416	820,000 (- 7,91)	749,654 1-15,81	604,785 (-32.1)		-
2. Thermel En Cone & PO	MBTU	569 867	520,000 '- 8.7'	487,276 1-14,51	411,254 1-27.81	378,900 1-34	-
3 Electrical En Corra & PO	MBTU		300.000	262,378 (-18,1)	193,531 (-39,6)	-	-
4. Resident Population & FD	PEOPLE		1		4.576 (-67.31	4,576 (-67.	ŗ.
5. Non-Resident Population & PD	PEOPLE	L	-	1.067 (-62.91)	19*89-1 706	905 1 -68.6	3
8. Population Served** & PO	PEOPLE		1	5,643 (-66,61	-	9.79-1 1.87.5	30
7. Effective Population*** & PD	PEOPLE	14,972	16.98-1 050-2		4,877 (-67.4)	4,878 (-67.4)	7.
8. En Consumption/Pap Served & PD	MBTUCAP	52.7	-	132.8 (151.9)	110.4 (109.3)	103.2 (95.7	~
9. En CompumptionEH Pop & PD	MBTUCAP		165.7 (178.5)	151.9 (155.6)	124,0 (108.5)	1	ō,
10. Electric En Consumption/Plasident Population	METUCAP	22.8	1	57.3 1150.6 1	42,3 (84,9)	18.91	Æ.
11. Installed Air Cond Capacity & PO	TONS	2.0	2 400 (-18.5)	2,368 (-19,6)	1.862 1-36.81	1,862 1 -36.8	æ.
12. Blec Energy/Ton of Air Cond & PO	MBTUTON		125 (14.91)	110.8 (1.8)	103,9 1 - 4,51	100.2	o.
13. Real Property Inventory (NPS & PO	KSF	7.421	4.100 1-44.81	1-45.	3,126 (-57,9)	3,126 (-57.9	6.
	KSFICAP		83 (67.1)	821 64.81	.64 1 29.31	.641 29.3	٠.
5.0	BTUKSF	119.986	200.000 (66.7)	186,111 (55,1)	193,469 (61.2)	180,909 (50.8	æ
18. Thermal En Consumption/GSF & PD	BTUKSF	76.791	126.829 (65.21	120,972 (57:51	131,559 (71.3+	121,209 (57.8	æ,
mempson/GSF is PD	BTUKGSF		(73 170 (69.4)	65,139 (50,8)	61,910 (43,3)	59,700 (38.	7
Audie	KSF					***************************************	Ø
Training	KSF	1.274		689	132	132	
Maintenance & Production	KSF			249	165	165	
Research, Development & Teaging	KSF				_	-	
Service	KSF	3		3	3	3	П
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	124			
Hospital & Medical	KSF	185		78	- \$0	20	П
Administration	KSF	622		342		252	Г
Bechelor Housing	KSF	1		280	272	272	
Continually Facilities	KSF			384	384	78€	Г
Farmily Housing	KSF	2.		1,743	1,714	7141	
de de la compa	KSF			45	4.5	57	
Utility Buildings	KSF			8	9	9	
Other	KSF	Not Available BASE		83	36	36	Π
		*PD is Pecent Devision from Seas Yea	•	Population Served is the total Resident & Non-Resident Population	Non ***Eff Pop is Resident + 1/3 Non-Residen	1/3 Non-Resident	

Reported as a FORSCOM Installation in FV75. Transfered to TRADOC as a sub-Installation of Ft Dix as of FV77 but is reported separately. As a result of the transfer, no report was submitted for FV76 so the above data for FV76 is estimated for comparisor purposes.

LIS AFTER - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUM	PTION - INSTALLATION	FT. RENIAMIN HARRISON, MACOM, IRADOC	MACOM TRADOC	CLIMATIC REGION 2 HDD	HOD 5,577 CDD 974
		-	IND.	-		- -
	UNITS/FY	æ	R		R	R
1. Energy Consumption (9.70)	MBTU	1.273.276	1,195,006 (- 6,1)	1,232,094 - 3.2 1	1,277,063 (0,3)	1,198,326 (- 5.9)
2. Thermal En Corns & P.D.	MBTU	300 302	j	653,010 - 6.8 1	727,926 (3,91	635,113 (- 9.3)
3. Bacytost En Core & PD	MBTU	470 675		11.1 , 780 625	549,137 1- 4,21	563,213 (-1.7)
4. Navident Population & PD	PEOPLE	3 \$88	2 826 (-21 21	3 751 1 4.51	2.795 (-22.1-1	3,090 (-13.9)
5. Non-Resident Population & PD	PEOPLE	13 573	-	12 158 (-10.4)		5.806 (-57.2)
E. Population Served** & PD	PEOPLE	17 161	15 887 (- 7.41	15,909 (- 7,31		8.896 (48.2)
7. Effective Population*** & PD	FOPLE	8 112	1 180 1-11.51	7.804 - 13.8	4,963 (-38,81)	5,025 (-38.1)
8. En Consumption/Pop Served Ib PD	MBTUCAP	2. 47	75.2 1 1.41	77.4 1 4.4 1	137,3 (85,1)	134.7 (81.6)
9. En Consumption Eff Pap & PD	MSTUCAP	156.9	166.4 6.01	157.9 1 0.6 1	257.3 (63.91]	238.5 (51.9)
10. Electric En Consumption/President Proudeston	MBTUCAP	150.7	11 20 1 0 20 1	154.4 (- 3.3)	196.5 (23.01	182,3 (14.1)
11. Installed At Cond Capacity & PD	TONS	2 187	150 -) 2718	8.624 1 5.31	8,874 1 8,41	8,914 (8,9)
12. Bec EnergyTon of Ay Cond B PO	METUTON	0 69	7 7 7	67.1 (- 4.1)	19.11-1 6.19	63.2 (- 9.7)
13. Real Property Inventory (1979 to P.D.	KSF	7.08	-	4,921 (2,6)	4,922 1 2,61	4,941 1 3.01
14. RPVENective Population	KSFICAP	80	17 71 189	1979 169	1 65 . 29 1 66.	.98 (66.2)
15. Energy Consumption(GSF & PD	BTUKSF	265.376	246.038 (- 7.3)	250,375 (- 5.7)	259,460 (- 2.2)	242,527 1 - 8.61
18. Thermal for Consumption/GSF to PD	BTUGSF	145.957	127.940 (-12.3)	132,699 1- 9.1 1	147,892 (1.3)	128,539 (-11.9)
17. Becarios En Consumosion/GSF & PD	BTUGSF	917 611	118.098 (-1.1)	117,676 (- 1.5)	111,568 1- 6.61	113,988 (- 4.5)
18, RPI by Caragory	KSF					
Training	KSF	921	945	1,032	1,026	1,022
Mainements & Production	KSF	121	121	205	107	108
Research, Development & Testing	¥SŁ	31	ı	-		_
Storage	KSF	179	163	2		2
Other Covered Stonege	*SF	Not Available Separately-Included Above		189	230	231
Hospital & Medical	KSF	136	134	116	116	116
Administration	KSF	1.502	1.524	1,504	1,507	1,507
Bechelor Housing	KSF	885	899	798	006	006
Community Facilities	KSF	378	434	375	4 03	424
Farnity Housing	KSF	584	578	597	578	578
Operational Buildings	KSF	28	27	16	16	16
Utility Buildings	KSF	33	32	18	34	34
Other	ZSZ.	Not Available BASE			3	3
		and animal animal areas	Very	a sotal Beardant & Non-Beardant Prosts	+ statement as Graffith According to	1/3 Non-Beardent

PEMAPHS W

FY 77 ECIP - Insulation and Electric Alterations - \$109,000 - Completed (estimated) June 1978 FY 77 Family Housing ECIP Improvements - \$28,000 - Completed (estimated) October 1978

National Section 1 1 1 1 1 1 1 1 1	U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	IGY CONSUM	PTION - INSTALLATION	FT. A. P. HILL, VA.	MACOM TRADOC	CLIMATIC REGION 3 HDD	HDD 4,398 CDD 1,188
WHITTO No. WITTO No.					1 1 1 1	1 -1 -1	1 1 -1
Mathematical Control		UNITS/FY	IP.	R	<i>n</i>	R	£
MBTUCAP 15, 16, 16 1, 16, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1, 17 1	1. Energy Consumption & PO	UBT	80.062	728	76 310 (- 4.7)	357 (11.	
Matter	2. Thermal En Cone & PO	MBTU	45,636	-	ال	52,721 (15,51	44.134 1 - 3.3
FEOVE	3. Electrical En Cone fo PD	MBTU	967 78	17.51-1 12.00	1 2	16-61 1 6-41	37.594 1 + 9.21
FECURE 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	4. Resident Population & PO	PEOPLE	1 054	1 35	1 130 (7 2 1	٦	756 (-28.3
Figure 1,415 1,016 (26,81 1,027 (5,81 1,1343 (-5,11) 1,112 (-5,11) 1,024 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044 (-6,81) 1,044	5. Non-Resident Pt substan & PO	PEOPLE	191	1 0 1 192	1 2 1 1 2 1	11	356 (- 1.4)
NETUCAP 1,174 795 1-32,31 1,252 1 6,6 1 1,074 (1-8,51 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775 1 775	6. Population Served** & PD	PEOPLE	1.415	-	- 5	- 5	-
MATUCAP S6.6 65.4 15.5 51.0 -9.9 66.5 17.6 73.5 73.5 74.4 74.4 74.7 74.4 74.4 74.4 74.7 74.4 74.4 74.7 74.4 74.4 74.4 74.7 74.4 74.4 74.4 74.7 74.4 74.4 74.7 74.4 74.4 74.7 74.4 74.4 74.7 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4	7. Effective Population*** & PD	FOPLE	1.174	-	-		875 (-25.51
MNETUCAP 68.2 65.2 (24.91 61.0 (-10.61 83.2 (22.01 132.11 132.11 132.11 132.11 132.11 132.11 132.11 132.11 132.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 133.11 1	8. En Comumption/Pop Served & PO	MBTUCAP	56.6	-	1	-	73.5 (29.9
METUCKA 12,7 13,1 1,2,1 1,1 1,4,9 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5	9. En Consumption/Eff Pop & PO	MBTUICAP	68.2	2 (0	-	93.4 (37.0)
TONK 116	10. Electric En Consumption/Resident Population	MBTUCAP	32.7	-	-ا	-	49.7 (52.2)
MATUTON 296.8 231, 1-13,41 206.5 (-30,41) 182.3 (-38.6) 185.4 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.	11. Installed Air Cond Capacity & PD	TONS	116	-	1	-	201 (73.3)
Kish Sign	12. Bec frægyfton of Air Cond B PO	METUTON	296.8	- ا		~	187.0 1 -37.0
No. Average 154, 262 129, 222 1-16, 21 156, 40 131, 115 156, 40 131, 115 156, 40 131, 115 156, 40 131, 115 156, 40 131, 115 156, 40 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 131, 115 1	13. Real Property Inventory 6891 & PD	KSF	519	-	-	_	531 (2.3)
Fig. 262 129,222 139,222 1-16,21 139,222 1-9,7 166,400 7.91 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9 153,9	14. PPVEMective Population	KSF/CAP	77.	П	ľ	[-	.61 (37.3)
Not Available Street	15. Energy Consumption/GSF & PD	BTUGSF	1	252	252 (-		913
Not Available Not Availabl	16. Thermal En Consumption/GSF B PD	BTU/GSF	87.931	-		-	83,115 (- 5.5)
KSF 16 16 15 15 15 15 15 15	17. Electrical En Consumption/GSF & PD	BTUKGSF	66.331	55,578 (-16,2)	64,055 1- 3,41	68,223 (2,91	10,799 (6.7)
KSF 16 16 16 15 KSF	18. RPI by Category	KSF					
Kish	Training	KSF	16	36.	16	15	15
KSF 129 134 18 17 17 18 18 17 18 18	Maintenance & Production	KSF	14	53	4.5	53	53
KSF Not Available Space with problem of the Available with problem o	Research, Development & Teating	KSF					
KSF Not Available Supervisity-Included Abova 1,23 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16 1,16	Storage	KSF	129	134	18	17	17
KSF S S S S S S S S S	Other Covered Storage	KSF	Not Available Separately Included Ab		123	116	116
KSF S1 S1 S2 S1 S1 S2 S1 S2 S2	Hospital & Medical	KSF	5	5	5		\$
KSF 190 167 189 178 1 Mine KSF 47 47 49 1 KSF 17 17 18 19 1 Ange KSF 4 6 6 6 6 KSF Ad 28 29 4 6 6 KSF Nor Avaidable BASE - 2 4 2	Administration	KSF	15	51	52	51	58
KSF 47 47 49	Bechelor Housing	KSF	061	167	189	178	178
KSF 17 18 18 18 19 18 19 18 19 19	Community Facilities	KSF	25	2.5	47	67	65
drops KSF 6 6 6 7 7 8 7 8 7 8 7 8 7 8 8 2 8 2 8 2 8 2 8 3 3 3 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 </th <th>Family Housing</th> <th>KSF</th> <th>17</th> <th>1.7</th> <th>18</th> <th>19</th> <th>9</th>	Family Housing	KSF	17	1.7	18	19	9
KSF Not Available 84.4 28	Operational Buildings	KSF	9	. 9	9] 9	9
KSF Not Available	Unility Buildings	KSF	77	28	29	- 4	7
	Other	KSF				24	24

REMARKS

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION FT JACKSON,	GY CONSUM	PTION - INSTALLATION FT J	ACKSON, S.C.	MACOM TRADOC	CLIMATIC REGION 7	١	HDD 2,598 CDD 2,087	
		-	-	-	-	-	<u> </u>	_
	UNITS/FY	ĸ	P	1	R		R	
1. Energy Consumption & FD	2287	657 565 6	2 749 645	3.065.945 18.	1 1 2 748 788	1 6.6	2.479.414	- 4.51
	MBTU			227		1 9.6 1	1.462.855	- 2.8 1
_	MBTU	1 090 092		1,195,718 (9.7		1 6.0	1.016.559	- 6.71
٥	PEOPLE	17 389	18 011 (8.9)	481 1 6.	Ļ	(-10,3)	15,682	18.6 -
8	PEOPLE	8,571	768 (2.	331 (- 2.	8 1 8 009	1 9.9 -1	5.976	1-30.31
	PEOPLE			812 (3.	23.	(- 9.1)		19.91-
٤	PEOPLE	20.246	-	21.258 (5.0)	18	1 8.6 -1	674	1-12.71
2	MBTUCAP	100.0	1	114.3 (14.4	-	16.51	114.5	14.51
	MBTUCAP	128.2	125.8 (- 1.9)	144.2 (12.5)	-	1 17.4 1	140.3	17.6
ert Population	MBTUCAP	62.7	62.4 (- 0.4)	- -		12.5 1	8.49	3.4.1
	TOMS	13.074	-1	-	12.8	1.91	12,829	- 1.91
•	METUTON	83.4	93.4 (12.0)	ا_ ب	L	1 2.8 1	79.2	- 4.91
	KSF	10.381		-	9.868	16.4-1	10,670	2.81
	KSFICAP	.51	16.8 -1 74.	52 (1		1 5.4 1	1 09.	17.71
24.40	BTUNGSF	250.020	269,203 1 7.7 1	276,53\$ (10.6)	61 278,555	(11.4)	232,372	- 7.11
ę	BTUGSF	145.011	153,446 1 5.8)	168,686 (16.3)	31 167,133	1 15.3 1	137,099	- 5.51
_	BTUGSF	105.00	115,757 (10,2)			1 6.1 1	95,272	- 9.31
16. API by Casagory	KSF				*****	$\stackrel{\star}{\otimes}$	****	$\overset{\otimes}{\otimes}$
Training	KSF	910	976	886	933		686	
Maintenance & Production	KSF	362	368	346	337		337	
Research, Development & Testing	KSF							
Storage	KSF	779	679	19	22		22	
Other Covered Stonage	KSF	Not Available Separately-Included Above		579	635		648	
Houghtel & Medical	KSF	517	517	471	520		167	
Administration	KSF	292	2 62	290	313		318	
Bechelor Hoveing	KSF	4.288	4.241	4,397	4,156		4,558	
Community Facilities	KSF	1,114	111.1	1,140	1,346		1,109	
Family Housing	KSF	1,737	969 T	1,694	964		1,682	
Operational Religion	KSF	435	424	207	112		112	
Unitty Buildings	KSF	82		- 89	32		32	
Other	4SF	Not Aveilable BASE	•	888	867		372	
		and animal section of the	Vent	the noted Semisters for Many Beautiers S.	Contains Contains	i Benidene	1/3 May Beniday	

FY 76 ECIP - Weatherproofing and Hot Water Distribution System - \$1,060,396 - Completed February 1979

			1 1 1 1				
	UNITS/FY	ĸ	£	и	2	R	ŀ
1 Energy Consumption & PD	MBTU	4.081.763	3,800,443 1-6,91	4,233,034 (3.7)	4,277,763 1 4.8	31 4,144,587	1.5
2 Thermal En Cons & PD	MBTU	2 612 329	1-12	2.582.151 (- 1.2)	2,694,991 (3.2	2,611,090	0
3 Electrical En Cone to PD	MBTU	767 697 1	1,520,177 1,3,51	1,650,883 (12.3)	1.582.772 1 7.7	1,533,497	3.7
4. Readers Population & PD	PEOPLE	29 658	27 519 1 7.21	29,010 1- 2,2 1	29,067 1-2,0	29,067 (2.0
5 Non-Readent Population & PD	PEOPLE	14, 419	15,275 (5,91	15,592 (8,1)	12,220 (-15,3	12,220	-15.3
6. Population Served** & PO	PEOPLE	44.077	42 794 ' - 2.91	44,602 (1.2)	41,287 (-6,3	41,287 (6.3
7 Effective Population*** 6 PD	PEOPLE	797 78	1 - 5	34,207 (- 0,7)	33,140 (- 3,8)	33,140 (3.8
8 En Consumption/Pap Served fo PO	MBTUCAP	92.6	11.4 = 1 8.88	94.9 (2.5)	103.6 (11.9)	100.4	8.4
9 En Communication Page & PD	MBTUCAP	118.4		123,7 (4.4)	129.1 (9.0)	125.1 (5.6
10 Electric En Consumption/Resident Population	MBTU/CAP	5 67	55.2 (11.5)	16.91 1 6.95	16.6 1 7.75	9) 52.8 (6.5
11 Installed Air Cot 3 Capacity & PD	TONS	897 8	8 564 (1.1)	8.551 (1.0)	16.0 - 1 686.8	8,3	7.7
12 Elec Energy/Ton of Air Cond & PD	MBTU/TON	173.5	5 1 2	193.1 11.2	188,7 (8,7)	L	۲.5
13 Real Property Inventory (RPI) & PD	KSF	19.892	20,126 (1,2)	20,606 (3,61	20,360 1 2.41	20,355 (2.3
14. RPVEMective Population	KSF/CAP	58	16.9 1 6.91	1 7.7 109.	.61 (6.4)	.19.	9.
15 Energy Consumption/GSF & PO	BTU/GSF	205.196	188,833 (- 8,0)	205,427 (0.1)	210,106 (2,4)	203,615 (-	6.0
18. Thermal En Con sumption/GSF (9 PD	BTU/GSF	131.326	113,300 (-13,7)	125,311 1- 4.61	132,367 (0.8)	31 128,278 1	2.3
17 Electrical En Consumption/GSF f9 PD	BTU/GSF	73.870	75 533 1 2.31	80,116 (8.5)	~		2.0
18. RP! by Caragory	KSF					$\overset{\diamond}{\sim}$	$\overset{\vee}{\otimes}$
Transg	KSF	1.879	2,391	2,091	2,391	2,391	
Marriemento 6 Production	KSF	1,414	1,427	1,619	1.493	1,493	
Research, Development & Testing	KSF	198	95	95	95	56	
Storage	KSF	1.208	1.210	62	62	. 62	
Other Covered Storage	KSF	Not Available Seperately-Included Above		1.352	1,157	1,157	
Hospital & Medical	KSF	827	927	476	927	7.76	
Administration	KSF	736	604	979	556	551	
Bachelor Housing	KSF	5.768	5.596.	5,596	5.596	5,596	
Community Facilities	KSF	1 590	1.671	1.936	1,886	1,886	
Farnity Housing	KSF	6.218	6:218	6.218	6.218	6,218	
Operational Buildings	KSF	282	179	346	261	261	
Unitry Buildings	KSF	121	121	121	121	121	
Other	KSF	Not Available BASE	138	87	87	87	
A		*PD is Percent Deviation from Base Year	Year "Population Served is 8	**Population Served is the total Resident & Non-Resident Population	Ition ""EN Pop is Resident	t + 1/3 Non-Resident	
	Heating/C	FY 76 ECIP - Heating/Cooling Alterations 3403,330 - Completed September 1977	onpiered seprember	77 7EE 60 . 1 . 1011	0 m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m / m	1078	
FY 77 ECIP -	Insulation	n, Heating/Cooling Altera	FY 77 ECIP - Insulation, Heating/Cooling Alterations, Heating Plants Modifications - 53,774,408 - Completed (estimated) June 1970	odifications - \$3,//4,40	US - Completed (estima	red) Julie 1976	

Every Conversion 8 PD WITCH 1,502,421 1,202,422 1,444,206 1,250,006 1,381 1,390,616 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416 1,290,416							
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Mail		MBTU	916,612	1 289	756 4-	936,036 (2.1)	
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NEGLICIAN NECTION NE		PEOPLE	11 956	-	ا-	598	10.573 (-11.0
MeTUICAP 125.7 108.5 -131.7 126.6 0.7 147.2 17.1 112.6 MeTUICAP 150.5 130.9 -131.0 152.7 1.5 1.9 0.13.2 1.3 1.3 0.1 MeTUICAP 150.5 130.9 -131.0 1.5 1.5 1.5 1.5 1.5 0.2 1.5 1.5 1.5 1.5 1.5 0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	•	PEOPLE	9 987	908	459 1-	716	8,690 (-13.0
MeTuCap 150.5 130.9 -13.0 152.7 1.5.1 179.0 18.91 137.0		METUICAP	125.7	108.5 1-13	- اع	147.2	112.6 (-10.4
No.	MBTU/CAP	150.5	9 (-13	7 (1	0	-	
Matural Matu		MBTU/CAP	1.59	1 1	- 6	-	75.3 (15.
MASTUTION 122 1		TOWS	6 7 6 7	1 50	-	5,815 (22,1)	5,833 (22.
No.	MBTUTON	123.1	7 (-29	ر س	.3 (-12.	100.0 1 -18.	
No.	KSF	7.756	-	1	962		
Fig.		KSFICAP	ı d	<u>ء</u>	13.6-5.91	.80	
Fig. 25 118,181 98,596 1-16,51 117,009 1-1,01 134,449 13.8 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181 118,181	6.0	BTUGSF		1-2	7 1 276	_	-
Fig. 10 Fig.		BTUGSF	118.181	-	900	-	
Kist List		BTU/GSF	75.558			-	
KeSF 4.55 4.23 7 4.33 4 Cone broduction KSF 2.56 2.55 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 <t< th=""><th></th><th>KSF</th><th>***************************************</th><th></th><th>X</th><th>X</th><th>X</th></t<>		KSF	***************************************		X	X	X
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KSF 324 319 414 407 407 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408 408		KSF	179.	141	147	144	143
KSF ROT 751 665 727 75 KSF 1,41 1,657 3,695 3,659 3,659 RSF 1,44 144 89 3,659 3,659 RSF 144 89 3,695 3,69 RSF 144 89 79 RSF 144 81 79 RSF 144 81 79		KSF	324	319	414	407	410
KSF 673 652 753 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755 755		KSF	805	753	665	727	734
KSF 3,913 3,687 3,695 3,659 3,6 Inout Buildings KSF 144 89 89 89 Rose Buildings KSF Not Available 90 81 79 Rose Buildings KSF Not Available BASE 3	•	35X	1 6/3	657	753	755	753
CSF 144 89 89 89 89 89 89 89		KSF	3.913	3.687	3,695	3,659	3,657
Buildings KSF Not Available BASE 90		KSF	771	144	89	89	89
KSF Not Available BASE		KSF	1 696	06	81	7.9	79
		KSF				3	3

Fy 77 Family Housing ECIP Improvements - \$179,418 - Completed (estimated) October 1978

U.S. Army - ANALYSIS OF ENERGY (SY CONSUM	CONSUMPTION - INSTALLATION FT. LEE.	LEE, VA	MACOM TRADOC	CLIMATIC REGION 4 HDD	HDD 3,239_ CDD 1,353
	-	-	-	→	₽	-
	UNITS/FY	K	22	7	R	2
France Comments to BD	MATU	1 641 553	1 611 235 (- 1 8	1 755 187 (6.9)	1.840.084 (12.1)	1,737,544 (5.8)
	MBTU	1_	517 (-11.	1 982.905 1 - 6.41	1.030,448 1-1.91	816,646 (-22,31
	VIBI	590.959	5.71 14.5	1 772.282 1 30.7 1	809,636 (37,0)	920,898 (55.81
•	PEOPLE	729 6	10 026 1 3.6	10.407 1 7.61	10.250 (6.0)	11.080 (14.5)
8	PEOPLE	5.988	5.826 '- 2.7	5 - 1	761 '-	5,468 1 8,71
	PEOPLE	15.662	15.852 (1.2	16.144 (3.1)	16,011 (2,2)	16.548 (5.7)
7. Effective Population*** & PO	PEOPLE	11.670	11.968 ' 2.6	1 12,319 (5,6)	12,170 1 4,31	12,903 (10.6)
5	MBTUCAP	104.8	101.6 '- 3.0	108.7 (3.7)	114.9 1 9.7 1	105.0 (0.2)
	MBTUCAP	140.7	134.6 (- 4.3	142.5 (1.31	151.2 1 7.5 1	134,7 1-4,31
0. Electric En Consumption/Resident Population	MBTU/CAP	61.1	5.01 1 5.79	74.2 (21.5)	79.0 (29.3)	83.1 (36.1)
1 Installed Air Cond Capacity & PD	TOWS	5.077	7.329 1.44.4	10.986 (116.4)	11,645 (129,41)	11,750 (131,4)
2. Elec Energy/Ton of Air Cond & PD	MBTUTON	116.4	92.3 1-20.7	70.3 (-39.6)	1 8 69 5 1-40,3 1	78,4 (-32,7)
	KSF	7.595		7.6	7,689 (1,2 1	7,624 1 0.41
	KSFICAP	.65	.63 (- 3.3	-	163 (- 2.9 1	.59 1 - 9.21
5. Energy Consumption/GSF B PD	BTWGSF	216,136	213,833 (- 1.1	1 229,316 1 6,11	239,313 (10.7)	227,904 (5.41
6. Thermal En Consumption/GSF & PD	BTU/GSF	138,327	124 023 (-10.3	128,417 1-7.21	134,015 (- 3,1)	107,115 (-22.6)
7. Electrical En Consumption/GSF & PD	BTU/GSF	77,809	751) 018.68	100,899 1 29.71	105,298 (35,3)	120,789 (55.21
	KSF					
Treatme	KSF	918	816	768	894	894
Markenance & Production	KSF	273	273	267	245	245
Research, Development & Testing	KSF.	22	22	23	23	23
Storage	KSF	441	770	11	11	11
Other Covered Storage	K9¢	Not Available Separately-Included Abov			453	453
Hospital & Medical	KSF	357	355	354	230	211
Administration	KSF	531	529	564	723	719
Bechelor Housing	KSF	1,973	1,921	2,015	2,021	1,974
	KSF	626	709	624	616	621
Fernity Housing	KSF	2,150	2,150	2,150	2,150	2,150
	KSF	260	260	260	260	260
Utility Buildings	KSF	74	68	39	39	39
Opposite Company	KSF	Not Available BASE	24	24	24	24

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REMARKS W FY 76 ECIP - Building Improvements - \$917,000 - Completed June 1977

FY 77 ECIP - Energy Monitoring/Control System - \$1,342,800 - Completed (estimated) June 1978

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUM		FT. MCCLELLAN, AL	MACOM TPADOC	CLIMATIC REGION 4 HDD 2,806 CDD 1,886	D 2,806 CDD 1,88	ای
		-					_
	UNHTS/FY	ĸ	R	u	£	£	
1. Energy Consumption & PO	MBTU	825 420	17.6 1 9.41	1,171,193 (41,91	1,245,301 (50.91	1,219,423	1.7.7
2. Thermal En Cone & PO	MBTU	470,495	-	-	597,745 (27.0)		19.2
3. Electrical En Core & PO	MBTU	756 758	433 629 (22.2)	573.884	647.556 ' 82.41	658,488	85.5
4. Resident Population & PD	PEOPLE	5 211	7 114 (36.5)	7,636 1 46,51	8,132 (56.1)		565 1
5. Non-Remders Population & PD	PEOPLE	3.036	-	5,330 (75.61)	9,041 (197.8)		1204.2
6. Population Served** 6 PD	PEOPLE	8,247	12,814 1 55.41	12,966 (57.2)	17,173 1,108.21		
7. Effective Population*** & PD	PEOPLE	6.223	9,014 (44.8)	9,413 (51.31	11,146 1 79.11	11,412	1 83.4
8. En Consumption/Pap Served & PD	MBTUCAP	100.1	70.5 1 -29.61	90.3 1- 9.81	72.5 1-27.51	7.69	1-30.7
9. En Combumption/Eff Pop & PD	MBTUCAP	132.6	100,2 (-24,4)	124.4 1- 6.21	111.7 (-15.8)	106.9	1-19.4
10. Electric En Consumption/Resident Population	MBTUICAP	68.1	61.0 (-10.5)	75.2 (10.31	79.6 (16.9)	L	16.0
11. Installed Air Cond Capacity & PD	TONS	4,588	7,721 (68,31	7,721 (68.3)	7,987 (74.1)	8,035	1.5.1
12. Elec Energy/Ton of Atr Cond & PD	MBTU/TON	77.4	56.2 1 -27.41	74,3 (- 3.9)	81.1 (4.8)	82.0	5.9
13. Real Property Inventory (RPI) & PD	KSF	4,751	4,720 (- 0,7)	5,375 (13,1)	5,549 (16,8)	5,615	18.2
14. RPUEMective Population	KSFICAP	.76	,52 (-31.4)	.57 (-25.2)	18.75-1 05.	67.	1-35.6
15. Evergy Consumption/GSF B PO	BTUKSF	173,737	191,397 (10.2)	217,896 1 25.41	-	2	1 25.0
16. Thermel En Consumption/GSF & PO	BTUGSF	99,030	99,526 (0.5)	111,127 (12,2)	107,721 (8.8)	668 66	0.9
17, Electrical En Consumption/GSF & PD	BTU/GSF	74.707	91,870 (23,0)	106,769 (42.9)	-	117,273	1 57.0
16. RPI by Catagory	KSF						$\overset{\sim}{\otimes}$
Training	KSF	210	727	825	851	918	
Meinenance & Production	KSF	191	203	208	205	205	
Reserch, Development & Teating	KSF				1		
Storage	KSF	7447	577	18	19	18	
Other Covered Storage	KSF	Not Available Separately-Included Abovi	ove BASE	457	456	75.4	
Houpital & Medical	KSF	157	155	158	182	174	
Administration	KSF	282	374	361	362	354	
Bechelor Housing	KSF	1.439	1,327	1,740	1,761	1,761	
Community Facilities	KSF	697	470	585	693	721	
Family Housing	KSF	869	898	855	851	850	
Operational Buildings	KSF	109	106	106	107	1 02	
Criticy Buildings	KSF		45	50	50	50	
	KSF	Not Available BASE		12	12	9	

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U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION.	GY CONSUM	PTION - INSTALLATION	FT. MONROE, VA.	MACOM TRADOC	CLIMATIC REGION 4_ HDD3_623_ CDD_1_539	623_ CDD 1.539
			1. 111		4-1-1	1 11
	UNITS/FY	St.	æ	и	2	æ
1. Energy Consumption & PO	MBT0	340,137	369.241 (8.6)	400.144 17.61	331,231 1- 2,61	319,113 (- 6,2)
2. Thermal En Cone B PD	MBTU	153.062	169,851 11.01	-	139,118 (- 9,1)	137,219 1 -10.4
3. Electrical En Cone & PD	MBTU	187.075	199_390 (6.6)	200,072 (6,9)	192,113 (2,7)	181,894 (- 2.8)
4. Resident Population & PO	PEOPLE	1 981	1.890 (-4.6)	877 (-55.7)	872 (-56.0)	833 (-57,91
5. Non-Resident Population B PD	PEOPLE	7.560	1 2 554 1 - 0.21		2.611 (2.0)	2.384 (- 6.9)
	PEOPLE	175 7	11.6 - 1 777		3 (-23	3.217 (-29.2)
7. Effective Population*** & PO	PEOPLE	2.834	2.741 (-3.3)	-	1.742 (-38.5)	1,628 (-42.6)
8. En Communication/Pop Served & PO	MBTU/CAP	6.47	83.1 (10.9	58.9 (-21.3)	95.1 1 27.01	99.2 (32.4)
	MBTUCAP	120.0	-	140.5 (17.1)	190.1 (58.4)	196.0 (63.3)
10. Electric En Consumption/Resident Population	MBTU/CAP	7.76	105.5 (11.7)	228.1 (141.6)	220.3 (133.2)	218.4 (131.2)
11. Inexalled Air Cand Capacity & PO	TOMS	1.166	1,166 (0)	3	1.576 (35.2)	2,309 (98.0)
12. Bec Energy/Ton of Air Cond & PO	METUTON	160.4	171.0 1 6.61	126.9 (-20.9)	121.9 (-24.0)	78.8 1 -50.91
	KSF	1.922	1,922 (0)	1.966 (2.3)	1.957 (1.8)	1,953 1 1.64
14. MNEHective Population	KSFICAP	89	.701.3.41	18.1 169.	1,12 (.60	1.201 76.91
15. Energy Consumption/GSF fb PO	BTUKGSF	026-921	192,113 1, 8,61	203.532 (15.0)	169,254 1- 4,41	163,396 (- 7.7)
16. Thermal En Con Jumpston/GSF B PD	BTU/GSF	79.637	88,372 (11.0)	101,766 (27.8)	71,087 (-10,7)	70,261 (-11.8)
17. Electrical En Consumption/GSF & PD	BTU/GSF	£££ 26	9)	7 1 992	98,167	93,135 (-4,3)
18. RP1 by Casegory	KSF	*****				××××××××××××××××××××××××××××××××××××××
	KSF	1 -	3	3	3	. 3
Maintenance & Production	KSF	171	141	151	151	153
Research, Dev. topment & Teating	KSF	Uι	10	6	6	ó
Storage	KSF	131	131	9	9	9
Other Covered Storage	KSF	Not Available Separately-Included Above	Ove BASE	11.7	114	114
Hospital & Medical	KSF	02	7.0	38	38	38
Administration	KSF	385	385	797	097	097
Bachetor Housing	KSF	ευ2	203	141	151	151
Community Facilities	KSF	268	268	271	275	275
Farmity Housing	KSF	279	642	638	623	616
Operational Buildings	KSF	81	18	41	41	42
Buildings	KSF	-21	- 51	51	4.7	4.7
Other	KSF	Not Available BASE		37	39	39

	UNITS/FY	ĸ	R	2	R	R
1. Energy Consumption & PO	MBTU	156.134	167.064 (7.0)	188.867 (21.0)	196,296 (25,7)	175,300 (12.
2. Thermal En Cons & PO	MBTU	93.681	103 580 (10.6)	115 209 (23.0)	119.741 (27.81	98.168
3. Becarios En Cons & PD	MBTU		121 , 787 19	73 658 (17.9)	76.555 (22.6)	77 132 (23.
٥	FOFIE		1.327 (-18.2)	1,039 (-35,9)	1,096 (-32,4)	1,114 (-31.
2	FOFE	609	-	ľ	1.025 (68.3)	1.145 1 88.
	PEOPLE	2 231	2 398 (7.51	2.098 (= 6.01	2.121 1-4.91	2.259 (1.
٤	PEOPLE	1 825	1 684 (- 7 7)	ľ		1.496 1-18.
ę	METUCAP	70.0	69.7 1 - 0.51	90.0 1 28.61	92.5 (32.2)	77.6 1 10.
	METUCAP	85.5	2 1 1	-	136.5 1 59.61	117.2 1 37.
m Population	MBTUCAP	38.5	- @	-	17.18 1 81.41	69.2 (79.8)
	TONS	88	1 28.	-	-	289 (228
	METUTON	7.007	561.8 (-20.8)	306.9 (~56.7)	264.9 (-62.7)	266.9 (-62.3
	KSF	1.393	-	2.859 (105.2)	2,938 (110,9	-
	KSFICAP	7.6	1.70 122.41	2.05(169.1)		1.98(159.
50.00	BTUKSF	112.085	58.434 (-47.9)	66.060 (-41.1)	66.813 (-40.4)	59,123 1 -47.
٤	BTUKGSF	67.251	36,229 1-46,11	40,297 (-40.1)	17.66 1 -39.41	33,109 4 -50.8
17. Elecated En Consumption/GSF & PD	BTUGSF	44.834	-	25.763 (-42.5)]	26.014 1 -42.
	KSF					
	KSF	131	188	188	233	255
Meinenance & Production	KSF	227	308	308	312	314
Research, Development & Teating	KSF	-	•		_	_
Storage	KSF	398	087	37	36	36
wered Storage	KSF	Not Available Separately-Included Above	BASE .	443	477	677
	KSF	7	22	22	22 I	22
Administration	KSF	16	09	99	62	63
2	KSF	373	1.402	1.402	1,401	1,402
Community Facilities	KSF	151	301	301	301	301
Femily Housing	KSF	15	16	16	91	16
Operational Buildings	KSF	•	51	51	53	52
	KSF	•	31	31	55	55 .

	•					1 1 1 1
	UNITSIPY	re	R		R	R
1. Everyor Consumention & PO	MBTU	1 94.2 689	1 876 505 (- 3.4)	1.996.469 (2,8)	2,010,497 (3.5)	1,988,947 (+2.
2. Thursday Core & PO	₩	913.064	863 193 1- 5.51	898,412 - 1.6 1	11.619 (- 3.1)	855,248 1 - 6.3
3 Parester for Come to PD	DEST	1 020 625	1 013 312 1- 1.61	1 098 057 1 6.6 1	1,125,878 (9,3)	1,133,699 (+10.0
4 Production P. P.	PEOPLE	3,5	1477 37801	1 6 7 3 608 01	11.384 (0.1)	11.549 (1.
A	PEOPLE.		0 753 (1 31	(61) 877 0	9.527 (-1.1)	9.430 1 - 2.
			1		(7 0 -) 110 00	10 070 00
E Population Served" is 70		20,998	20, 598 '- 1-9'	اد		
7. Effective Population*** & PO	FOFE	14, 579	14.096 '- 3.3 '	13.958 (- 4.3)	14,560 (- 0.1)	14,692 (0.8)
& En Communication Plansed & PO	MBTUCAP	92.5	91.1 (- 1.5)	15'9 19'86	96.1 1 3,91	94.8 (2.
9 for Communication for the PD	MBTUCAP	133.3	133 1 (= 0.1)	16.7) 0.631	138.1 (3.6)	135.4 (1.
10 Factor for Consumer of September September	MATTICAL	3 00	03 / 1 3 2)	10, 6, 1, 12, 2, 3	18.9 (9.2)	98.2 (8.
to be dead Constitute to 80	TONS	2, 2,	1, 130 1 50	15 052 (12 0)	15.052 (12.0)	15.044 (12.
to be formed and the former to the	MOTO TOTAL		71 7 1 6 7 1		74.8 1- 2.41	75.4 1 - 1.
	100	1 203	7 773 1 7 01	-	1870 1 9.31	8.205 1 13.
	VCENTAB	ı	17 11 7 33	50 118 01	7 6 7 75	. 59 (13.
to the second se	971110	55, 250	-		اِ	242.407 (-10.1
	#T14666	an Fu	100	236		104.235 (-17.
Therman Car Commonwealth Co. C.	1000	79/97		1		177
17. Electrical En Consumption/Con et PU	200	100 March 100 Ma		XXXXXXXXXXX		
18. RPI by Category	KSF		***************************************	***************************************		
Training	KSF	7.08	703	763	711	/81
Memenance & Production	KSF	613	769	838	853	848
Research, Development & Testing	KSF	53	53	56	56	51
Storage	XSX	617	508	1.4	14	14
Other Covered Stories	¥SX	Not Available Separately-Included Above		563	559	636
Hospital & Me licel	KSF	376	375	377	345	311
Administration	KSF	283	319	388	399	374
Berthelm House on	KSF	222	۴71 4	2 188	1,959	2,088
Community Fr. (Billia)	KSF	530	650	674	655	999
Farmity Housing	KSF	000 0	2 076	2.074	2,075	2,086
Operational Buildings	KSF	105	80.1	149	120	215
Utility Buildings	KSF	3/6	29	36	65	19
	¥S.	Not Aveilable BASE	L	62	65	74

	UNITS/PY	ĸ	R	<i>n</i>	R	R
1. Energy Consumotion is 70	MBTU	2 611 504	2,640,157 (1,1)	2,902,547 (11.1)	3,001,398 (14.9)	2,899,301 (+11.0)
2. Thermal En Cons & PD	MBTU	1 -	1,372,882 (- 4,4)	1,451,274 (1.0)	-	-
3 Electrical En Cons & PD	MBTU	1.175.176	1.267.275 1 7.81	1,451,273 (23,5)	1,530,712 (30.3)	1,391,664 (+18.0
4. Resident Population & PD	PEOPLE	15.785	17.981 (13.9)	19,586 124,11	17,997 (14.0	9 91 1 607 81
5. Non-Resident Population & PD	FOPLE	13 544	-	12,482 (- 7.8)	(-)	L
C. Proudesion Served** & PO	FOPLE	29 329	7	32,068 1 9,31	30,019 (2.4)	30,385 (
2. Effective Proudencer*** & PO	FOPLE.	20.300	-	23,747 (17.0)	-	L
8 En Consumption/Rop Served & PD	MBTUCAP	89.0	0.	90.5 (1.7)	100.0 1 12.31	1 7.56
9. En ConsumptionEff Pop & PD	MBTUCAP	128.6	118.9 1-7.61	122.2 (- 5.0 1	136.4 (6.0)	129.4 (0.6)
10. Electric En Consumption/Resident Provincion		74.4	70.5 1- 5.31	74.1 1- 0.5 1	85.1 (14.2)	19.57
11. Installed Air Cond Capacity & PD		16.820	19.112 (13.6)	18.924 (12.5)	18,967 1 12,81	18,967 (12.8)
12. Dec EverantTon of As Cond & PD	METUTON	6 69		76.7 1	80.7 (15.5)	L
13. Real Property Inventory (RPI) & PD	KSF	13.180	13.578 (3.0)	13.672 (3.7)	13,655 (3.6)	13,721 (4.1)
14. MPVEHective Population	KSF/CAP	99	- 1 19	1 581-11.3 1	.62 (- 4.4)	- 119.
15. Evergy Consumption/GSF B PD	BTUGSF	198.141	194,444 (- 1.9)	212,299 (7.1)	219,802 (10.9)	-
16. Thermal En Con.xumption/GSF fb PD	BTU/GSF	108,978	101,111 (- 7.2)	106,149 (- 2.6)	107,703 (- 1.2)	109,878 (0.8)
17. Electrical En Consumption/GSF & PO	BTU/GSF		-	106,149 (19.1)	112,099 (25.7)	101,426 (1
18. RPI by Category	KSF					
Trabring	KSF		1.664	1,681	1,782	1,734
Meinenance & Production	KSF	1.165	1.173	1,169	1,186	1,181
Research, Development & Yesting	KSF		1	11	11	10
Storege	KSF	941	606	83	98	83
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	812	962	006
Hospital & Medical	KSF	328	328	343	290	283
Administration	¥S¥	738	737	731	737	782
Bechelor Housing	¥S¥	825 7	4.872	4,833	4,772	60.4
Community Facilities	KSF	1 082	1.170	1,233	1,219	1,187
Femily Housing	KSK	2 500	2 500	2.509	2,515	2,517
Operational Buildings	#S#	148	148	156	157	156
Unitry Buttofras	25	59	99	105	16	68
Other	KSF	Not Available BASE	11	J 9	13	90
		*PD is Percent Deviation from Base Year	_	**Prouderion Served is the total Resident & Non-Resident Poculetron	on "Eff Poo is Resident + 1/3 Non-Resident	+ 1/3 Non-Resident

FY 77 ECIP - Insulation - \$100,000 - Completed (estimated) June 1978 FY 76 ECIP - Building and Heating System Improvements \$4,008,326 - Completed October 1978

U.S. Amy - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUM	- 1	FT. LEONARD WOOD, MO.	MACOM TRADOC	CLIMATIC REGION 3 HDD	HDD 4,707 CDD 1,314
		1. 1. 1. 1.		1 - 1 - 1 - 1		
	UNITSIFY	ĸ	120	u	R	£
1. Energy Consumption & PO	Metu	2.816.361	2,715,230 (- 3,6)	2,916,903 (3,6)	2,932,550 (4.11	2,813,207 (-0.1)
2. Thermal Sn Cons & PD	MBTU	١	1,493,377 (-8.6)	1,545,959 (- 5,41	1,554,252 (- 4.9)	1,462,868 (-10.4
3. Shecolosi En Cons & PD	MBTU	1.182.871	1,221,853 (3,3)	1,370,944 (15.9)	-	6
4. Resident Population & PO	PEOPLE	25.849	27,185 1 5,21	28,308 1 9,5 1	24,498 (-1.91	22,113 (-14.5)
5. Non-Resident Population & PD	PEOPLE	5.458	5,954 (9,11	6,370 (16,7)	5,354 1-5.21	_
6. Population Served** & PO	PEOPLE	31.307	33,139 (5,8)	34,678 (10.8)	29,852 1- 4.61	24,464 (-21.9)
7. Effective Population*** & PD	PEOPLE	27,668	29,170 1 5.41	30,431 (10.0)	26,282 1- 5.01	22,897 (-17.2)
B. En Consumption/Pap Served & PD	MBTUCAP	6.68	81.9 (- 8.9)	84.1 (- 6.5)	98.2 (9.2)	115.0 (27.8)
8. En Communication (EM Pop & PD	MBTU/CAP	101.8	93.1 (- 8.6)	18.5 -1 6.56	-	122.9 (20.7)
10. Electric En Consumption/Resident Population	MBTUCAP	45.8	44.9 1-1.81	48.4 (5.81	56.3 (22.9)	61.1 (33.4)
11. Installed Ale Cond Capacity & PD	TONS	9.445	1 0 1 577.6	10,748 (13,8)	10,829 (14.7)	16,562 (75.3)
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	125.2	129,4 1 3,31	127.6 (1.8)	-	81.5 (-34.9)
13. Real Property Inventory (797) & PO	KSF	11.783	11,738 (- 0,4)	14,038 (19.1)	11,626 (-1.3)	12,540 (6.4
14. MNEMETHORN Population	KSF/CAP	.43	15.5 - 105.	.461 8.31	144 (3.9)	.554 28.64
15. Energy Consumption/GSF & PD	BTUIGSF	239,019	231,320 (- 3,2)	207,786 (-13.1)	252,241 (5.51	-
18. Thermal En Consumption/GSF & PO	BTUKGSF	138,631	127,226 (-8.2)	110,127 (-20.6)	133,688 (- 3.61	116,656 (-15.9)
17. Elecatorii En Consumption/GSF & PO	8TU/GSF	100,388	104,094 (3,7)	97,659 1- 2.7 1	118,553 (18.1)	107,683 (7.2)
18. RPI by Category	KSF					
Training	KSF	626	961	1,073	1,109	1,146
Maintenance & Production	KSF	519	525	526	522	532
Research, Development & Tessing	KSF	-	•			
Storage	KSF	119	625	18	18	20
Other Covered Startigis	*SF	Not Aveilable Separately-Included Above		549	550	539
Hospital & Medical	KSF	278	872	270	270	457
Administration	KSF	336	336	330	330	357
Secretor Housing	KSF	180.4	6707	3,896	3,954	4,153
Community Facilities	KSF	1.044	1,064	958	958	1,162
Fernity Housing	KSF	3,554	3.554	3,553	3,553	3,616
Operational Buildings	KSF	310	308	2,780	277	423
Unitry Buildings	KSF	71	100	85	85	105
-	KSF	Not Aveilable BASE	7			_

*PD & Purcern Deviation from Base Year ""Population Served is the total Remident & Non-Resident Population + 13 Non-Resident + 13 Non-Resident + 13 Non-Resident FT 77 ECIP - Insulation, Storms, Boiler Plant Alterations and Energy Monitoring/Control System - \$5,289,722 - Completed (estimated) June 1978

ABERDEEN PROVING GROUND, MD	ALL SHOOL N	ABE MOLTALIATION ABE	RDEEN PROVING GROUN	ē,	MACOM DARCOM	×	CHMATIC BEGI	ON 3 HDC	CHMATIC REGION 3 HDD 5,184 CDD 1,076	,076
U.S. AIMY - ANALTSIS OF ENEMO			-	-		-	-	D	- <u> </u>	-
	UNITS/FY	Į.	R		-		R		£	
1. Engoy Consumerion B-PO	51991	3.885.548	3.557.310 (- 8.4	3.4	3,718,361	1-4.31	3.789.004	1- 2.5 1	3,639,323	1-6.31
	MBTU	2 447 896	2,134,386 (-12,8	H	2,342,568	1-4,31	2,387,073	(- 2.5)	2,256,381	1 = 7.81
	MBTU	1 437 652	1 720 627	. 0 1	1,375,793	1 - 4.31	1,401,931	1- 2.51	1,382,942	1 - 3.81
	PEOPLE	9,480	_ 	8.8	11,989	1 26.51	8,570	19.61	678 4	(-17.2)
8	PEOPLE	16,535	-	11.4)	19,443	(17,6)	24,129	1 6.52 1	28,356	1.51
	PEOPLE	26.015	-	10.41	31,432	1 20.81	32,699	(25.7)	36,205	(39.21
٤	PEOPLE	14.992	_	1 2.6	18,470	(23.2)	16,613	10.81	105,71	15.41
5	MBTUCAP	149.4	123.8 (-17.1	7.1.1	118.3	1 -20.81	115.9	(-22.4)	100.5	(-32.7)
	METUCAP	259.2	216.2 (-1)	(-16.6)	201.3	1 -22,31	228.1	(-12,0)	210.4	18.81
an Population	MBTUCAP	151.7		10.6 -	114.8	1-24,31	163,6	(7,81	176.2	(16.2)
	TONS	22 452		19.31	27,757	(23.6)	27,767	1 23,71	28,448	1 26.71
•	MBTUTON		53.1	1-17.01	9.64	1 -22,61	7'05	(-21,21	9.87	1 -24.11
	KSF	11.745	11.727 (- (1 2 0 - 1	11,440	1 - 2.61	11,560	(- 1,6)	11,547	1-1.71
	KSFICAP	.78	.71	10.6 -1	. 62	1 -20,91	0.4	(-11.2)	. 67	(-14.81
50.00	BTUKESF	330.825	303,343 (- 8	1 8 3 1	325,031	(- 1,8)	327,768	1-0.91	315,174	1 - 4.71
18. Thermal Sn ConsumptionGSF & PD	BTUGSF	208,420	182,006	1-12.71	204,769	1 - 1.81	206,494	1-0.91		1 - 6.21
17. Electrical En Consumption/GSF & PD	8TU/GSF	122.405	121.337 (-)	0.91	120,261	1 - 1,8	121,274	16.0-1	119,766	(-2.2)
18. RPI by Category	KSF			$\overset{\sim}{\otimes}$	$\stackrel{>\!\!>}{\sim}$	$\overset{\otimes}{\sim}$	$\overset{\diamond}{\sim}$	$\overset{\times}{\times}$	M	X
Training	¥S¥	666	938		982		1,020		766	
Meintenance & Production	KSF	756	933		928		887		881	
Research, Development & Teating	KSF	2,179	2,207		2,197		2,302		2,307	
Storage	KSF	2.061	2,031		383		282		280	
Other Covered Storage	KSF	Not Available Seperately-Included Abov		BASE	1.646		1,792		1,825	
	KSF	236	236		221		178		174	
	KSF	1 045	1.020	-	970		936		923	
2	KSF	1 233	1.145	H	1.066		1,103		1,077	
Community Fecilities	KSF	715	724		700		889		758	
Fernity Housing	KSF	1 980	1 977		1.881	į	1,881		1,880	
*	KSF	212	202		191		192		185	
	KSF	131	227		248		255		260	
	KSF	Not Available BASE		-	2.7		77		_	7
			S contact of the second	4	A treat Bearings & Mr	- Breaters Prove	d Hida	Per in Reservoir	1/3 New Passidem	

FY 77 Family Housing ECIP Improvements - \$119,070 - Completed (estimated) October 1978 *PD is Percent Devision from Base Vast ... Paguiston Served is the FY 77 ECIP - Storm Sash - \$642,510 ~ Completed (estimated) June 1978

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	Į	15.341	707.7	1-71.31	5,699	(-62.9)	-	-		
	2	7 211	89	1 8.86-1	3.762	(4-7.8)	,	1		1
	2	8 130	4.315	1-46.91	1.937	1 -76.21	1		-	-
•	2		•	-	•	9	1	1		-
2	7	.7	20	1-51.21	20	(-51.2)	,	1		•
	2	7,1	20	1-51.21	20	(-51.2)		-	,	
•	7	7,		1-50.01	7	(-50.0)	1	-	-	
2	200	374.2	220.2	1-41.11	284.95	(-23,8)	1	-		^
3	2CAP	1 095 R	629.1	1-42.61	814.1	(-25,7)	1	1		
ra Population MB	TUCA.		,	-		-	_1	ī	,	-
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_			∞	****	$\stackrel{\circ}{\sim}$	∞		$\overset{\times}{\otimes}$	$\overset{\circ}{lpha}$	$\overset{\sim}{\bowtie}$
Training		-								
B Production		1.214								
Research, Development & Testing KSF										
Storage		175								
Other Covered Storage	-	Not Available Separately-Included Above	5	BASE						
	٦	12						-		
		99								
2	_									
		18								
Family Housing KSF		_						1		
ě	_									
		254								
	1	Not Available BASE								

In caretaker status since FY76.

U.S. Army - ANALYSIS OF ENERGY C MISUMPTION - INSTALLATION ANVISTON ARMY DEPOTY	IGY C.PEGUM	IPTION - INSTALLATION A	NNISTON ARMY DEPOT, AL	MACOM DANCOR	CLIMATIC REGION HDD	HDD -1 COD	
		-	-				4
	, murreney	*	2	ц	R	£	
:		I		(5 71) 791 000 1	17. 51 064. 827	876.935	Ι,
1. Energy Consumption & PO	2	890, 669	159 508	-	-	385,852	1
2. Thermal En, Cone & PO	Merc	418,615	1 2 1 1 7 1	10.21	-	491,083	7
3 Electrical En Cone IB PU	O O	4/2,034	112,527	-	15 (-25.0)	-) 51	-25
4. Resident Population 8 PO		20		5 102 6 9 01	5.046 (7.8)	788.7	3
S. Non-Handers Population of FO		4, 580	4 6 7	-	5.061 1.7.71	1 258.7	3
8. Population Served** 8 PD	1	4, 700	-	-	1 697	1.627	ľ
7. Effective Population*** & PO	PEOPLE	1.580	1,558 (=1.4)	-	٠	180.7	ľ
8. En Consumption/Pop Served & PD	MBTUCA	189.5	7	1	16.0 1 5.895	538.9	ľ
9. En Consumption/Eff Pop & PO	MBTUCAP	563.7	581.3	15.00 1 00.000		1 6 86 2 68	38
10. Elecatic En Cone emption/Resident Population	MBTUICAP	23,602.7	28,235.0 19.61	- - - -	230	3 330	-
11. Installed Air Cand Capacity & PO	TONS	1,924	1.924 (0 1	17	- -	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1
12. Blec EngrayTon of Air Cond & PO	MBTU/TON	245.4	249.5 (1.71	3 1 = 9	219.5	200	
13. Need Property Investory (NPD IS PD	KSF	791 8	8.021 (- 1.8)	8,189 (0,31	-	1 23 23 2	Ţ
A BOKE IN CONTRACTOR	KSECAP	5 17	5.15 (-0.4)	4,77 (-7,7)	4.82 (- 6.71		7
A Commence of the Party of the	RTINGSE	100 007	112 909 (3.5)	245,577 (14,2)	117,891 (8.11	105,833]
Carlo Statement of the	RTINGSE	51 276	53 067 (3.5)	61,042 (19,0)	55,408 (8.1)	46,567	۱,
	at noce	27,679	842	63.534 (9.9)	1	59,266	٦,
17. Electrical En Consumptionicist d'10	200						X
TR. Per Dy Company	200	XXX	V V V V V V V V V V V V V V V V V V V	8		10	
Change I	2	*	1 1 2 2	1 207	1.208	1,247	ij
	1					-	
Section Development of Feeting	383	600	6 199	3.088	3,088	3,088	J
	353	No American Separately Incheded Above	L	3,111	3,118	3,151	ļ
	5		7	7	7	7]
	5	,:.	150	216	208	201	-
	5		•		1		J
	2	1	32	7.1	70	7.0]
Contraction of the Contraction o	97		13	13	13	1.5	j
Desired desired	30,0		713	435	427	Z.	J
The second secon	3	3,65	27	30	34	32	١
County meaning	10.4	No. A. Charles	L	3	3	3	١
	5		The state of the s	An arrest Bearingers fo Dans Bearingers Prints	Medical a col 113	1/3 Non-Resident	

PEMARKS

ARMY MATERIALS & MECHANICS

U.S. ATT ANALYSIS OF EMERGY CONSUMPTION - INSTALLATION	GY CONSUM	APTION - INSTALLATION	RESEARCH CENTER, 12A	MACOM DARCOM	CLIMATIC REGION 2 HDD 5,621	O 5,621 CDD 661
		1 . 1 . 1 1	1 1 1 1 -	1.1.1.1	1 1 1 1	
	UNITSIPY	ĸ	R	и	R	R
1. Energy Consumption & PD	Metu	189.919	183,120 1- 3.6	213,150 (12,2)	221,582 (16,7)	202,420 1 6.61
2. Thermal En Cone & PD	Metu	108 254	104, 379 (- 3.6)	125,759 (16.2)	132,950 (22,8)	117.404 1 8.51
3. Bechical fin Cone & PO	MBTU	81 665	78 741 12 4 4	87 391 1 7 0	88 632 1 8 5 7	85.016
4. Resident Population & PO	PEOPLE		18 (38.5)		23 176.91	25 1 92.33
5. Non-Resident Population & PO	PEOPLE	632	651 (3.0)	622 (-1,6)	(5.0 -) (5.5)	645 (2.1)
6. Population Served** & PD	PEOPLE	645	(2.5)	19*0 - 1 6*91	652 (1,1,	670 1 3.91
7. Effective Population*** & PD	PEOPLE	224	1 4.91	226 (0.9)	233 1 4.0 1	240 (7.1)
8. En Consumption/Pop Served & PD	MBTUCAP	294 4	273.7 (- 7.0)	332,5 (12.9)	339.8 (15.4)	302.1 (2.6)
9. En ConsumptionEtt Pap & PO	MBTUCAP	847.8	779.2 (- 8.1)	943,1 (11,2)	951.0 (12.2)	843.4 1-0.51
10. Electric En Contempsion/Resident Population	MBTU/CAP	6,281.9	4,374.5 (-30.4)	4,599.5 (-26.8)	3,853,6 (-38,6)	3,400.6 (-45.91
11. Installed Air Cond Capacity & PO	TOMS	855	855 (0)	855 1 0 1	1 0 1 858	855 (0 1
12. Dat Energy/Ton of Air Cond & PD	MBTU/TON	95.5	92.1 (- 3.5)	102.2 1 7.01	103.7 (8.5)	99.4 1 4.11
13. Real Property Inventory (RPII & PO	KSF	685	(0)	(0) (89	(0)	685 (0)
14. IPPERactive Population	KSFICAP	3.06	2.91 (- 4.7)	3.03 1-0.91	2.94 (- 3.9)	2.85 1 - 6.7)
15. Energy Consumption/GSF & PD	BTUKGSF	277,254	267,328 1- 3,61	311,167 (12,2)	323,477 (16.7)	295,503 (6.6)
16. Thermal En Consumption/GSF is PO	BTUKSF	158,035	152,378 (- 3.6)	183,590 (16.2)	194,087 (22.8)	171,393 (8,41)
17. Electrical En Consumpsion/GSF & PO	BTUGSF	119.219	114,950 1- 3,61	127,578 (7.0)	129,389 (8.5)	124,111 1 4,11
18. RP1 by Category	KSF					
Training	KSF	7	7	7	7	1
Maintenance & Production	KSF	39	39	39	39	39
Research, Development & Testing	KSF	382	382	382	382	382
Storage	KSF	99	99			-
Other Covered Storage	KSF	Not Available Separately-Included Above	Ne BASE	99	99	99
Hospital & Medical	KSF	3	3	3	6	3
Administration	KSF	68		77	77	77
Sechelor Housing	KSF				1	•
Community Facilities	KSF	95	7,6	97	97	97
Farmery Houseing	KSF	10	10	22	22	22
Operational Buildings	KSF	1	1	1	1	1
Utility Buildings	KSF	42	42	42	4.2	4.2
Opher	KSF	Not Available BASE	_	· (

1. Energy Consumption 6 PD METU METU METU METU METU METU METU METU	t-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1				
ę					
ę	E.	R	u	25	*
£	1 639.885	327.507 1-80.01	234,248 (-85,7)	184,704 1-88.71	301,669 (-82
٤	1 193 903	258.731 (-81.41)	185,056 (-86,7)	127,446 (-90.9)	217,202 (-84)
ę	245,982	92	49,192 (-80,0)	57,258 (-76,71)	1 99- 1 297 78
8	c		0 0	1 0 0	1 0 1 0
	117	283 (-31.11)	345 (-16.1)	211 (-48.7)	187 (-54.5)
	411	-	345 (-16.1)	211 (-48.71	187 1 -54.51
٩	137	-	115 (-16.1)	16.87-1 07	62 1 -54.71
2	3 989 9	.3 1-71.	678.9 (-83.0)	4	1,613.2 (-59.6)
	11.970.0	- T:	6	2,638.6 (-78.01	4,865.6 (-59.4)
nt Provincion		-			- - - - - -
	710	(0) 017	410 (0)	1 0 1 0 1	410 (0)
•	600.0	167.7 1-72.01	120.0 (-80.0)	139.7 1-76.71	206.0 - 65.73
	040 4	-	1,528 (-63,41)	4.054 (- 0.1)	4,301 (5.9)
	29.64	43.06 (45.31	13.291-55.2 1	57.91 1 95.41	69.37 (134.0)
20.00	403.913	10.08-1 906.08	153,304 (-62,0)	45,561 1-88.71	70,139 (-82.64
£	921 878	63.936 (-81.4)	121,110 (-64,7)	31,437 (-90.8)	50,500 (-85.3)
	587		32,194 1-46,91	14,124 (-76,71)	19,639 (-67.6)
			X		
	11	11	11	11	70
Maintenance & Production KSF	2.974	2.973	445	2,971	3,189
Asserth, Development & Testing KSF			1		
Songs	518	518	2.94	294	295
Other Covered Sterage KSF	Not Available Separately-Included Above	BASE	224	224	223
Houpital & Medical	11	11	1	11	11
Administration	145	145	153	153	151
Bechelor Housing KSF				_	1
Community Facilities	89	54	54	54	55
Farmily Housing KSF					
Operational Buildings	28	46	46	97	
Unitry Building :	308	290	290	290	337
	Nor Available BASE				•

U.S. Army - ANALYSIS OF ENERGY C	IGY CONSUM	CONSUMPTION - INSTALLATION CORNHUSKER AAP,	INHUSKER AAP, NE	MACOM DARCOM	CLIMATIC REGION 2	9	6,420 CDD	1,026
•	-	-	-		-	-	-	-
	UNETSEY	ĸ	2	14	F		8	
1. Energy Consumption & PO	Met.	71 133	118 72	33.837 (-21,	94.600	1-19.81	43,757	1.7.1
2. Thermal En Cong B PD	Met	27 176	21,235 (-21.9)	20.979 (-22.8	8 1 21,452	(21.1)	25,817	10.5 -1
3 Electrical for Cone & PD	J. P. P.	15 959	13.576 (-14.9)	12,858 (-19,4	4 1 13,148	(-17.6)	17,940	(12.0)
4. Needon Population & FO	FOP.	1.7	1 7.3	43 (4,91	1-14.6)	0.7	1- 2.4 1
S. Non-Resident Population & PD	PEOPLE	711	47 1-14,91	92 (-19.3	3 1 89	1-21.91	171	1 20.01
4. Population Served** & PD	PEOPLE	155	10.6 - 1 171	135 1-12.9	91 124	1-20.01	211	(36.1 +
7. Effective Population*** & PO	FOFE	70	76 (- 3.8)	74 (- 6	6.31 65	1-17.71	46	1 22.8 1
B. En Consumption/Pop Sarved & PD	MBTUCAP	278.3	246.9 (-11.3)	250.6 (-	9.91 279.0	(0.31	207.4	1-25.41
3. En Consumption(Eff Pap to PO	MOTUCAP	9.545	-16		3.1	1 - 2.51	451.1	1-17.41
10. Electric fin Consumption/Resident Population	MBTUCAP	389.2	108.5 1 =20.7	_	_	1-3.51	448.5	15.2 1
11. Installed Air Cond Capacity & PD	TOMS	42	42 1 0 1	-	42	0	77	1 4.8
12. Bet Energy/Ten of Ale Cond Ib PD	MBTUTON	379.9	323.2 (-14.9)	306.1 (-19,	4 1 3	(-17.6)	4.07.7	1.31
13. Real Property Inventory (RPS & PO	KSK	324	335 (3,4)		-1	1 45,11	239	1-26.21
14. MPVEMestive Papateston	KSF/CAP	4.10	4.41 (7.5)	5.78 (41.0	01 7,23	16.31	2,46	1-39.91
16. Energy Consumption/GSF & PD	BTUKGSF	133,126	103.913 (-21.9)	79.058 1-40.6	61 73,617	1 -44.71	183,083	1 37.51
16. Thermal En Consumption/GSF & PO	BTUGSF	83.870	63,388 1 -24,4)	49,016 (-41,6	61 45,642	1 -45.61	108,020	1 28.81
17. Bechical En Consumption/GSF & PO	BTUKSF	49.256	40.525 (-17.7)	30.042 1-39.	01 27,974	1-43,21	75,062	1 52.41
18. RPF by Category	KSF	****			***********	$\stackrel{\star}{\sim}$	$\stackrel{\diamond}{\sim}$	X
Training	#SF						i	
Maintenance & Production	KSF	125	126	203	213		61	
Research, Development & Testing	KSF	1		ı	+		•	
Sorte	KSF	136	141	60	0.7		-	
Other Covered Storage	KSF	Not Available Seperately-included Above	A BASE	141	141		120	
Hospital & Madical	KSF			9	9 9			
Administration	KSF	9	14	14	1.4		2	
Becheter Housing	ESF.	•		_				
Community Facilities	KSF	18	18	18	18		18	
Family Housing	KSF	29	29	2.9	29		29	
Operational Buildings	KSF	2		. 2			2	
Utility Buildings	KSF	œ	7	7	7		7	
Other	KSF	Not Available BASE					ı	

FRANKS

C.V. AGEV - AMALTON OF ENERGY CO	AGY CONSUMP	NSUMPTION - INSTALLATION						
	_	-			1 1	Ď		_
	UNITS/FY	IE.	*	п	R		R	
1. Energy Consumption & PD	MBTU	1 206 402	1.356.200 (8.4)	1,436,062 (14,8)	1,415,771	13.11	1,441,529	15.0
2. Thermal En Cone & PD	MBTC	800 898	17 8 1 896 298	904, 720 (13.0)	863.621	18.1	864.918	0.8
3. Flectrical En Cone & PD	₩BT∪	405 504	232 (342 1	552,150	1 22.61	576,611	1 28.0
4. Resident Population & PD	PEOPLE	080	-	16 66 1 L	-	1-100.	•	-
& Non-Resident Population & PD	F09.6	, ,03	5 487 1 27. 61	4 080 4 - 7 3	575 5	1 25 91	6.194	1 40.7
6. Papulation Served** 6 PO	FOP.E	5 383	-	-	575 5	10.5	6.194	15.1
7. Effective Population*** & PD	FOPLE	2 4.48	1,7	-	1 878	1-24.51	2.065	1 -15.6
8. En Consumption/Pap Served & PD	MBTUCAP	232 4	-	0	255.3	18.6	232.7	· ·
9 En Consumption(Eff Pop (9 PD)	MBTUCAP	511.2	-	1 055.2 1 106.41	766.1	16.67	698.1	1 36.6
10. Electric En Consumption/Resident Population	MBTUCAP	7 057	-	-		-		_
11. Installed Air Cond Capacity & PD	TONS	2 117	2.117 (8)	2117 (0)	6.292	1197.21	6,310	198.0
12. Elec Energy/Ton of Air Cond & PO	MBTUTON	212.8	230.6 1 8.41	251.0 1 27.91	87.8	1-58.71	7.16	(-57.1
13. Real Property Inventory (1971 & PD	¥SŁ	1 968	֓֞֜֞֜֜֞֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֞֜֜֜֜֜֜֜֜֡֡֡֡֓֜֜֜֜֜֡֡֡֡֜֜֜֜֜֜֡֡֡֡֡֡֡֡	1,308 1-33,41	1.308	1-33.41	1,308	1-33.41
14. RFVEMentive Population	KSF/CAP	08	72.	19.51	12.	(-11.9)	. 63	(-21.2
15. Energy Consumption(GSF & PD	BTU/GSF	635.875	1.035.267 (62.81	1,097,906 1 72.71	1,082,393	1 70.21	1,102,086	1 73.3
18. Thermal En Consumption/GSF & PO	BTU/GSF	096-907	662,570 (62,81	691,681 (70.0)	192,099	(62.2)	661,252	1 62.5
17. Electrical En Consumption/GSF & PD	BTU/GSF	228 914	-	406.225 1 77.41	422,133	1 84,41	440,834	19.26
18. API by Catagory	X.				$\overset{\circ}{\sim}$		$\stackrel{\times}{\times}$	X
Training	KSF	31	31	31	31		31	
Maintenance & Production	25.2	184	160	160	160		160	
Research, Development & Testing	KSF	361	346	346	346		346	
Storage	KSF	765	191	-			,	
Other Covered Storage		Not Available Separately Included Above		161	191		161	
Hospital & Medical	KSF	·	5	5	5		5	
Administration	KSF	553	529	529	529		529	
Bechelor Housing	KSF	10	28	28	28		28	
Community Facilities	KSF	19	18	18	18		18	
Farnety Housing	KSF	33	2.5	23	23		23	
Operational Buildings	KSF	7	7	7	7		1	
Unitry Buildings	KS.	•		_	-			
Other	Г	Not Available BASE		•	-		-	
		*PD as Percent Devustion from Base Year		*Population Served as the total Resident & Non-Resident Population		p is Resident +	***Eff Pop is Resident + 1/3 Non-Resident	

PD a Percent Devation from Base Yes *Population = \$175,000 - Completed (estimated) June 1978
FY 77 ECIP - Insulation = \$175,000 - Completed (estimated) June 1978
FY 78 ECIP - Energy Monitoring and Control System = \$204,000 - Completed (estimated) December 1979 ∌∌

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	UNITSIFY	R	*	u u		*	ድ	
1. Energy Consumption & PD	MBTU	195,424	279,682 1 43.11	462,203 (13	136.51 462,165	136.51	230,943	120.0511
2. Thermal En Come & PO	MBTU	70.353	89,499 1 27.21	171,016	143.1 / 151,758	(129.9)	129,283	10.28
3. Becortes En Cons & PO	MBTU	125.071	190,183 (52,1)	291,187	132.8 1 300,407	(140.2)	301,660	11:11.
4. Readent Population & PD	PEOPLE	•		6	4	-	•	-
S. Non-Resident Population & PD	PEOPLE	1.436	1 370 1 - 4.6)	1,330	7.4 1 1.182	1-17.71	1,191	1-17.1
8. Population Servet** 6 PD	PEOPLE	1.436	7 - 1	1,330	7,41 1,182	1.7.71	1,191	1-17.1
7. Effective Population*** & PD	PEOPLE	679	457 1 - 4.61	-, 643	7.5 1 394	1-17.71	397	1-17.1
B. En Consumption/Pop Served & PO	MBTUCAP	136.1	204.1 (50.0)	347.5 (13	155,41 391,	0 (187.3)	361.8	1165.91
9. En Consumption/Eff Pop & PO	MBTUCAP	6.07	612.0 (50.0)	1,043.3 (155.	5.71	0 1187.51	1,085.5	1166.0.1
10. Electric En Consumption/Milhident Population	MBTUICAP		-	-	-	~	,	-
11. Installed Air Cond Capacity & PD	TONS	3,043	4,729 (55,41	755 1	56.31 4,755	1.55.31	4,705	1 54.61
_	METUTON	41.1	40.2 (- 2.21	61.2 1 2	49.01	2 (53,71	5.7	1 56.01
	KSF	559	713 (27.51	249	34,01	134.31	771	1 37 91
	KSFICAP	1.17	1.56 (33.7)	1.69 1	1 16.91	90 1 63.31	1.94	17.99
15. Energy Consumption/GSF & PD	BTUKESF	349.596	392.261 (12.2)	617,093	76.51 615,399	10.97	558,940	16.65 1
18. Thermal En Consumption/GSF & PD	BTU/GSF	125,855	125,524 1 - 0.21	. 228,326	81,41 215,390	(1.1)		(33.2)
17. Bectrical En Consumption/GSF & PO	BTUGSF	223.740	266.736 ' 19.21	388,768	3,71 400,009	18.81	391,258	15.71
18. RPI by Caregory	KSF			****	x x x x x x x x x x x x x x x x x x x	\times	***	$\stackrel{?}{\sim}$
Training	KSF		_	Ŀ				
Mainements & Production	KSF	29	2.2	2.2	24		22	
Research, Development & Teating	KSF	957	455	667	200		520	
Storage	KSF	22	81	2	3		3	
Other Covered Stonege	KSF	Not Available Separately included Above		73	71		73	
Hospital & Medical	KSF	-	2		2		7	
Administration	KSF	6	116	114	114		114	
Bethelor Housing	KSF	13						
Community Fe: Weigh	₹S¥		8	8	00		હ	
Family Housing	JSX.							
Operational Buildings	KSF	_	1]			
Criticy Buildings	KSF	81	25	25	25		2.5	
Other	KS)	Not Available BASE	3	3				7

PEMAR

	UNITS/FY	ĸ	R	r	22	æ
Enteroy Consumption 6 PD	MBTU	476.035	424,168 (-10,9)	427,760 (-10,1)	104	981 (
2 Thermal En Corre & PD	MBTU	252 299	212.084 1-15.91	222,435 (-11.8)	7	650
3 Sharmond Fo Come (9-PD)	MBTU	773 736	212.084 1- 5.21	205.325 (- 8.2)	204,552 1-8,61	198,331 (-11.4
A Search Production & PO	PEOPLE	1 794	1 936 1 7 91	1.574 (-12.3)	1,177 (-34,4)	1,347 (-24,9
A Man Bearing Production & 40	PEOPLE	415	19 91 1 16 91	582 (12.8)	999 1 93.61	999 1 93.61
Branch Connect to B	PEOP 6	2.310	1 23	2 156 (- 6.7)	2,176 (- 5,8)	2,346 1,1,6
	1 10030	1 066	13 01	1 768 (-10.1)	1.510 (-23.2)	1,680 (-14.5)
En Communication Consul to 20	MSTUCAP	206.1	0	198.4 (- 3.7)	188.0 (- 8.8)	179.9 1 -12.
D for Commentation of the first	MRTIJCAP	37.2	1 -21	1 1.0 -1 6.17	270.9 (11.9)	251.2 (3.7
10 Sterne Se Consequence Production	MBTLICAP	701		130.4 1 4.6 1	173.8 (39,41	147.2 (18.1
11 January & Cond Consciev & PD	TONS	757	ļ	516 (13.2)	17.64 1 19.41	7.67 818
13 flore Comment of the County for PC	MBTLITON	7 007	- -	197.9 (-18.9)	250.1 1-49.01	242.5 (-50.6
13 Real Property Inventory (RFI) 6-PO	KSF	1 919	~	1.963 1 1.2)	1,967 (1,41	1,9.5 (0.
14 RPIE Meeting Produktion	KSF/CAP	00	.87 1-11.81	1,11,12,6	1,30 (32,1)	1.161 17.4
16. Energy Communication(GSF fo PO	8TU/GSF	505 576	17	217.911 (-11,2)	207,984 (-15,3)	
16. Thermal En Communication/GSF to PO	BTU/GSF	130 118	108.817 (-16.4)	113,314 (-12,9)	103,992 (-20.11	114,987 (-11.6
17 Electrical En Consumption/GSF & PD	BTUIGSF	115 387	108.817 4-5.71		103 992 (- 9.91	101 970 (-11.0
18 RPI by Catagory	KSF				$\stackrel{\circ}{\sim}$	
Transl	KSF	71	14	14	14	3
Mantenance & Production	KSF	671	149	149	149	156
Research, Development & Testing	KSF	192	192	179	179	163
Storage	KSF	155	162	21	21	21
Other Covered Storage	KSF	Not Available Separately Included Above		141	134	149
Humanital & Medical	KSF	86	86	36	90	77
Administration	KSF	177.	721	192	192	201
Rechalter Housing	KSF	27.7	24.7	247	247	276
Community Facilities	KSF	197	261	194	19.	ΰĽΤ
Family Houseng	KSF	444	999	999	665	540
Operational Buildings	#S#	7ε	7£ -	34	34	- 62
Unitry Buildings	KSF	U.	3.1	36	43	3.5
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	U.S. Army - ANALYSIS OF ENERGY	SY CONSUM	CONSUMPTION - INSTALLATIONERANGEDED_ARSENAL_PA	FRANKEORD ARSENAL, PA	MACOM DARCOM	CLIMATIC REGION 3 HD	MDD 4.865 CDD 1.104	.
NMTSFY NS				1 1 1 1	1 1 1		1 1	-
MeTU R44, 512 120, 146 120, 146 120, 148 140, 141 141, 141 141, 141 141, 141,		CANITS/FY	æ	20	п	Q.	R	
WBTU Sinf_102		MBTU	205 778	-	l	349,090 1-58,7	1 76.094	-91
FEONE 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		MBTU	\$06.702	-		226.909 (-55.2)	5,327 (- 66-
FEQNE 1, 12, 11 1, 59, 31 5, 43 FEQNE 3, 124 2, 656 2, 70, 11 5, 43 FEGNE 3, 134 2, 667 2, 70, 11 1, 18 FEGNE 1, 135 8, 467 2, 71, 11 1, 18 MATUCAP 1, 13, 1 8, 40, 1, 17, 11 1, 12, 18, 11 MATUCAP 1, 13, 11 28, 13, 18 1, 17, 11 1, 12, 18, 11 MATUCAP 1, 13, 11 28, 13, 18 1, 12, 18 1, 10, 12, 12 FEGNE 1, 10, 11 1, 11, 18, 18, 19, 18 1, 12, 18 1, 12, 18 FEGNE 1, 10, 11 1, 11, 18, 18, 18, 18, 18, 18, 18, 18,		MBTU		7 060	1-28.	122,181 (-63,8)	10.267	-79 1
FEGNE		PEOPLE		11 , -59	-	1	,	-
MATUCAF 1351 2,667 1-20.41 545 MATUCAF 1,115 896 1-21.11 1.83 MATUCAF 1,24.1 28.10.11 1.86.0 MATUCAF 1,21.1 28.11.8 1.7.01 1.86.0 MATUCAF 1,21.1 28.11.8 1.7.01 1.3.66.0 MATUCAF 1,21.1 28.11.8 1.20.212 MATUCAF 2,04 2,04 2,07 1.0.1 1.25.21 MATUCAF 1,04 1.0.2 2.0 40.5 1.2.6 MATUCAF 1,04 1.0.2 2.0 2.0.2 MATUCAF 1,04 2.0 2.0 MATUCAF 1,04 2.0 MATUCAF 1,05 1,05 MATUCAF 1,05 1,05 MATUCAF 1		PEOPLE	3 32%	, 959	1-83.	1	1	-
MeTUCAP 1 11 15 16 16 17 18 18 18 18 18 18 18		PEOPLE	2 251	-	1-81		, [1	-
METUICAP 12.20 12.25 16.11 11.298.1		PEOPLE	1 135	-	1,83	_	-	-
Maturical 124 1 120, 121 13, 18, 66, 10 Maturical 12, 511 13, 126, 121 120, 121 Maturical 12, 511 13, 12, 121 13, 120, 121 Maturical 12, 511 13, 12, 121 13, 12, 121 Maturical 124, 124 124, 124 124, 124 Maturical 124, 124 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 13, 124, 124, 124, 124, 124, 124, 124, 124	8. En Consumption/Pop Served Is PD	MBTUCAP	252.0	- 5	۱-		-	-
Mail	9. En Consumption(Eff Poo fe PO	MBTUICAP	1,77	17	0 1419	-	-	-
None	10. Electric En Consumption/Resident Population	MBTU/CAP		œ.	1861	-		
MATUTON		TONS	_)		-
NEST		MBTU/TON		ر ا ا	32.0 (-27.1)			-
NSFGAP NSFGAP 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.		KSF	,	1) [-
Fig. 10 Fig.		KSF/CAP		89.	13,55(490,4)	()	, ,	-
Fig. 150 194, 566 180, 957 1 - 7,01 188, 359 RSF 120, 724 120, 613 1 - 7,01 188, 359 RSF 1,022 1,022 1,049 RSF 1,032 1,049 RSF 1,012 1,052 1,049 RSF 1,012 1,052 1,049 RSF 1,012 1,052 1,049 RSF 1,012 1,049 RSF 1,049 RSF 1,049 RSF 1,049 RSF 1,049 RSF 1,049	5.43	BTUGSF	18 768	595 ' - 7	1-12	()	,	1
No. 16. Thermat En Consumption/GSF & PD	BTUGSF	194 586	7 - 1 26	(- 3	()	, , , , , , , , , , , , , , , , , , , ,	,	
KSF	17. Bactrical En Consumption/GSF & PD	BTUGSF	129 724	1 - 1)	1
Kisk 10 12 12 13 13 13 13 13 13	18 RPI by Category	KSF					*******	$\overset{\times}{\otimes}$
New Action New Section N	Training	KSF	α	32	32			
KSF 577 577 5 KSF 195 195 5 KSF Not Available Sequentify Proceeded Above 6 6 6 KSF 516 5 6 4 KSF 516 5 6 4 KSF 50 50 50 8 KSF 96 96 96 KSF 64 48	Maintenance & Production	KSF	1.052	1.052	1,049			
KSF 195 BASE 1 KSF Not Available Sope with Fronchold Above 6 4 KSF 50 50 4 KSF 14 14 14 KSF 50 50 9 KSF 96 9 6 KSF 1 4 4 KSF 1 4 4	Asserch, Development & Testing	KSF	577	577	599			
Storega KSF Not Arriator's Stope street het-locked Above BASE 1	Storage	KSF	196	195	15			
KSF 6 6 6 4 KSF 516 516 54 KSF 50 50 50 KSF 96 96 KSF 64 48	Other Covered Storage	KSF	Not Available Seperately-Included Ab		180			
	Hospital & Medical	KSF	9					
KSF 14 14 14 14 14 14 14 1	Administration	KSF	516	516	445			
KSF 50 50 KSF 96 96 KSF 64 48	Bechelor Housing	KSF	14	14				
KSF 96 96 96 KSF KSF 64 48	Community Facilities	KSF	50	50	94			
KSF 64 48	Fernity Mousing	KSF	96	96	58			
KSF 64 48	Operational Buildings	TST.			1			
	Utility Buildings	KSF	35	85	48			
Not Available	Other	KSF			1			

KS No Report for FY 78 as the Installation went into caretaker status in FY 79.

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUME	PTION - INSTALLATION	HOLSTON AAP, TN	MACOM_DARCOM	CLIMATIC REGION 4 HDD 3,695 CDD 1,235	3,695, CDD 1,235
				1 1 1		1 1
	UNITS/FY	\$2	2,0	и	2	£
1 Energy Consumption & PO	MBTU	7 061 995	5.217.011 '-26.1'	4,286,332 (-39,3)	4,127,715 (-41,6)	3,765,274 1-47
2 Thermal En Cons & PD	MBTU	6 002 696	290	3.600.519 1-40.01	3.508.558 (-41.6)	3,050,582 1 -49
3 Electrical En Cone & PO	MBTU	1 059 299	-	685,813 (-35,31	157	715,592 1 -32
4 Readery Population & PD	PEOPLE		, 0	1 0 , 0	0 , 0	-
5 Non-Resident Population & PD	PEOPLE	2.025	1.755 4-13.31	1,553 (-23,3)	2,254 (11,3)	2,059 (1.
6 Population Server** fr PD	PEOPLE	2.025	Ĭ	1,553 (-23,3)	2,254 (11.3)	2,059 (1.
7 Effective Population*** & PD	PEOPLE	67.5	585 (-13.3)	518 (-23,31	751 1 11.31	686 (1.
8 En Company tion/Pop Served & PD	METUICAP	3.487.4	2,972.7 (-14,8)	2,760.0 (-20.9)	1,831.3 (-47,5)	1,829.2 1 -47.
1 En Consumption/EM Pop & PD	MBTU/CAP	10.462.2	8,918.0 (-14.8)	8,274.8 1-20.91	5,496.3 (-47,5)	5,490.2 1 -47.
10 Electric En Consumption/Resident Pobulation	MBTU/CAP	-	-	-	1 -	-
11 installed Air Cond Capacity & PD	TONS	180	180 (0)	180 (0)	180 (0)	180 t 0
12 Elec Energy/Tyn of Ale Cond & PD	MBTUTON	5.885.0	4,637,3 (-21,2)	3,810.1 (-35.3)	3,439.8 (41.6)	3,975.5 (-32.
13. Real Property Inventory (RPI) & PO	ž.	2.449	2,457 (0,31	2,053 (-16,2)	2,416 (-1,3)	2,488 (1.
14 RPI/Effective Population	KSF/CAP	3.63	4.201 15.81	3.961 9.21	3,22 (3.631 - 0.
15. Energy Consumption/GSF & PD	BTU/GSF	2,893,624	2,123,326 (-26,4)	2,087,838 (-27,6)	1,708,491 1-40.81	1 9//
18. Thermat En Consumption/GSF & PD	BTU/GSF	2,451,080	•	1,753,784 (-28,4)	1,452,218 (-40,8)	1,226,158 (-50.
17 Electrical En Consumption/GSF & PD	BTUGSF		339,732 1-21,51	334,054 (-22,8)	7.4	287,617 (-33,
18 RPI by Cetagory	KSF	***************************************				
Transing	#St	6	8	9	6	6
Memerance is Production	KSF	1.371	1.378	976	1,358	1,414
Research, Development & Testing	KSF	25	25	26	_	52
Storage	¥S¢	60\$	509	215	215	215
Other Covered Secrega	KSF	Not Available Separately Included Above		2-5	275	245
Hospital & Medical	KSF	12	12	12	12	12.
Admonstration	KSF	110	110	126	132	128
Sechetor Housing	KSF	,	1	-	•	-
Community Facilities	*S¥	79	57	57	57	32
Farmity Housing	KSF		-		_	-
Operational Buildings	KSF	1.0	20	20	20	23
Unitry Buildings	¥SF	339	337	337	338	334
Other		Not Available BASE	24	23		24

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	UNITS/FY	IP.	*	п	R	Ŕ
1. Energy Consumption is PD	MBTU	515.026	347,760 (-32,51	406,338 (-21,1)	391,877 (-23,9)	381,599 (-25.9)
	MBTU	293.565	184,313 (-37,2)	247,867 4.15,61	227,289 1-22,61	206,064 (-29.8)
	MBTU	221.461	163,447 (-26,2)	158,471 (-28,4)	164,588 (-25,7)	175,535 (-20.7)
٥	PEOPLE			204	1 0 1 702	203 (- 0.5)
£	PEOPLE	3.208	1.040 (-67.6)	1.174 (-63.4)	1,441 (-55,1)	1,451 (-54.8)
	PEOPLE	3 412	-		1,645 (-51,8)	1,654 (-51.5)
£	PEOPLE	1.273	551 (-56,71	595 (-53,31	18,94-1-46,31	10.97-1 (89
2	MBTUCAP	150.9	279.5 (85.2)	294.9 1 95.4 1	236.9 (57.0)	230.7 (52.8)
	MBTUCAP	404.6	631.1 (56.0)	682,9 1 68,8 1	572.9 (41.6)	555.5 (37.3)
ne Population	MBTU/CAP	1.085.6	2	776.8 (-28.41	806.8 (-25.7)	864.7 (-20.3)
11. Installed Air Cond Capacity & PO	TOMS	1 002	ľ	1,388 (38,5)	1,390 (38,7)	1,390 (38.7)
•	MBTUTON	221.0	117.8 1-46.71	114.2 (-48.3)	118.4 (-46.4)	126.3 (-42.9)
_	KSF	•	-	2,263 (-51,5)	4,676 (0,1)	
	KSFICAP	3-67	46 113	3.80(3,7)	(7.98) 78.9	6.83 (86.1)
5670	BTUIGSF	110.284	74,627 (-32,3)	179,557 1 62.8 1	83,806 (-24,0)	81,347 (-26.2)
18. Thermal En Communication/GSF & PO	BTUIGSF	62.862	93,552 (-37,1)	109,530 174,21	48,608 (-22,7)	43,928 (-30.1)
17. Bectrical En Consumption/GSF & PO	BTWGSF	47 492	35.024 1-26.01	70,027 (47,7)	35,198 (-25,8)	37,420 (-21.1)
	KSF					
	KSF	3		3	3	2
Mentenance & Production	KSF	2 297	2.287	662	2,331	2,329
Research, Development & Testing	KSF	7	7	7	7	7
Storage	KSF	1.511	1.510	\$49	177	774
Other Covered Storage	KSF	Not Available Separately-Included Above		528	902	719
Hospital & Medical	#SH	2.0	2.0	20	20	20
Administration	KSF	189	190	89	161	191
2	KSF				_	
Community Fecilities	KSF	200	200	94	661	198
Family Housing	KSF	115	115	115	511	114
***	KSF	8	- 12		12	88
Utility Buildings	KSF	323	916	58	324	329
	KSF	Not Available BASE	2	4		3

1517.626 19.61 1368.747 (7.91 1365.264 7.61 1,191.837 1,213.626 1.20,81 1,174.128 (-51.41 202.612 1,213.258 (-51.41 202.612 1,213.258 (-51.41 202.612 1,213.258 (-51.41 202.612 1,213.258 (-51.41 202.612 1,213.258 (-51.41 202.612 1,213.258 (-21.41 202.612 1,213.258 (-31.41 202.612 1,213.258 (-31.41 203.612 1,213.258 (-31.41 203.612 1,213.258 (-31.41 203.612 1,213.258 (-31.41 203.612 2,213.258 (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41 2) (-31.41	U.S. ATTY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION -	Y CONSUM		IOMA AAP. IA	MACOM DAPCOM	CLIMATIC REGION 2 HDD 6,149 CDD 994	766 QQD 671 9
WEINTS 75 76 1,265,264 1,765,264 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126 1,194,126				-	-		
Western 1,512,62.69 1,512,62.6 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137 1,513,137				7	<i>u</i>	2	R
WINTO 1288.589 1.514.106 1.436.161 1.296.81 1.134.128 1.56.161 1.296.81 1.134.128 1.26.134 1.202.512 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1.202.132 1		CMITS/FY			1	796	1.191.837 (- 6.1)
WITTO \$15,327 \$1,24,010 \$31 (-40,8) \$13,136 (-51,4) \$202,612 \$1		WBTU	1	626	1	128 1 34	989,225 (13.0
Matter 1991,262 303,525 1–22,8 272,885 1–40,18 1,1304 1–13,101 1,1403 1–13,101 1,1403 1–13,101 1,180,4 1,181,101 1,1403 1–13,101 1,180,4 1,113 1–13,101 1,1403 1–13,101 1,1403 1–13,101 1,1304 1,1314 1,131 1,136,101 1,1403 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1–13,101 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131 1,131		MBTU		-	1	126 (51	202 612 1 -48.9
FigOrt 158		MATI		525	07-1	077	-
FigOrie 1,591 1,409 -11,6 1,304 -18,1 1,103 1-2,1 1,409 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,400 1,		200	1	159 (1		1
FEOPLE 1,391		1		-		-	1
Figure 1,755 1,256 1-8,71 1,456 1-32,41 1,915 1,428.7 1,428.7 1,915 1,428.7 1,915 1,428.7 1,915 1,428.7 1,915 1,428.7 1,915 1,428.7 1,915 1,428.7 1,915 1,428.7 1,915 1,428.7 1,916 1,428.7 1,916 1,428.7 1,916 1,428.7 1,916 1,428.7 1,916 1,438.7 1,917 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,415 1,		PEOPLE		-	ľ	1,113 (-36,4)	1,203 (-31.3
Net Color 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		PEOPLE	7	1	1]- -	428 (-37.9
Mathematical Part 124.5 131.6 131.6 137.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3 (41.5) 127.3	•	J MODA		-	466 1-32.4		7 98 1 2 000
METUCAP 1841.2 2,412.8 131.01 2,937.2 159.5 3,491.7 189.61 2,765.3 1		AADVI VARA		6	1,025.3 (41.51	- - -	ŀ
Marcheller 1,694,14		100	}	- «	2.937.2 (59.5)	-	-
Mathematical Color 4 c		MBTUCAP	1		7 506.0 (20).61	6,371.2 (156.0)	_
Name		MBTUICAP	7	· ·	1 83 0	1 493.	5,000 (494.5
Marving 4 \(\frac{6}{2} \),		TONS		- -	-	-	40.5 (-91.
KSF 3,638		MBTUTON		- ~	1		3.761 (3.
Name Street Str		¥S¥		-	3.760 (3.4)	10 1 17	8 791 66.4
## 10.05		VCEJCA8		_	8,071,52,81	70 , 70	-
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155 NA Available 6455 1 048 2		KSK		59	1	i i	68
ILES NEW ANNIAGOS BASE 1 048		25		78	92		
		39,	New Average		2		

FY 78 ECIP - Insulate Steam Lines - \$194,000 - Completed (estimated) December 1979

		1	1 1 1 1	1 1 1	1	1
	UNITS/FY	ĸ	*	r	R	£
OF 6 PD	MBTU	96.171	78,218 (-18,7)	81,306 (-15.5)	94,847 (- 1.4)	2- 1 721 1 -2
Core & PO	MBTU	55.780	40,674 (-27,1)	47,158 (-15,5)	63,548 (13,9)	38,150 (-3
En Core & PO	MBTU	40,391		34,148 (-15,5)	31,299 (-22.5)	29,974 (-2
oputation & PD	PEOPLE	62	49 (-21.0)	39 (-37,11	28 (-54.8)	31 (-5
an Population & PO	PEOPLE	275	457 (-16.5)	398 (-27,21	359 1-34,41	352 (-3
Out of the Po	PEOPLE	609	506 1-16.91	437 (-28.21	387 (-36.5)	383 (-3
Coulerion*** 6 PO	PEOPLE	244		172 1-29.5 1	148 1-39,31	148 (-3
retion/Pop Served & PD	MBTUICAP	157.9	154.6 (- 2.1)	186.1 (17.8)	245,1 (55,2)	177.9 [1
mpston/Eff Pop & PD	MBTU/CAP	394.1	389.1 (- 1.3)	472.7 (19.9)	640.9 1 62.61	460.3 (1
Consumption/Resident Population	MBTU/CAP	651.5	766.2 17.61	875.6 1 34.4 1	1,117,8 (71,6)	7 1 6.996
th Cond Capacity B PD	TONS	599	1 0 1 599	1 0 1 599	1 0 1 599	965 1
ByTon of As Cond & PD	MBTUTON	60.7	56.5 1-7.01	51,4 (-15,5)	47.1 (-22.5)	45.1 (-2
arty inventory (NPI) is PD	KSF	675	707 1 4.71	1 3,31	18.8 1 3.31	679
ive Population	KSFICAP	2.77	3.52 (27.1)	4,051 46.51	4.71 (70.2)	9 165.7
maumption/GSF & PO	BTU/GSF	142.476	110,634 (-22,3)	116,651 (-18.1)	136,079 (- 4.5)	100,330 1 -2
in Consumption/GSF fe PD	8TU/GSF	82.637	57,530 (-30,4)	67,659 (-18.1)	91,174 (10,3)	56,186 (-3
Sn Consumption/GSF fr PD	BTUIGSF	59,839	53,103 (-11,3)	48,993 (-18,1)	506, 24	44,144 (-2
nagory .	KSF				∞	
	KSF	28	28	28	28	28
ence & Production	KSF	187	187	187	187	187
n, Development & Teating	KSF	7.4	74	7.7	7.7	74
	KSF	194		116	116	116
wered Storage	KSF	Not Available Separately-Included Above	BASE	7.7	77	77
E Medical	KSF		3	3	3	3
ration	KSF	20	02	70	7.0	09
Housing	KSF			-		1
nity Facilities	KSF	78	34	34	34	34
Continue	KSF	19	.9	52	52	44
nel Buildnos	KSF	01	17	17	41	41
uildings	KSF	14	15	15	15	15
•	KSF	Not Available BASE			t	1

CLIMATIC REGION 3 HDD 5,132 CDD 1,191

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION JEFFERSON PROVING GRD., INDMACOM DARCOM

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THE AND VEHICLE AND COMPANY OF THE PROPERTY OF THE PARTY	Antipaco vo	TITO MOITALLATION TOTAL	T AAP TI	MACON DARCOM	CLIMATIC REGION 2 HOD6, 180 CDD 993	6.180 CDO 993
U.S. Amy - ANALISIS OF ENERG				-		
	VENTER	*	*		2	R
		F		1 0 /1 1 000	10 02 1 000 033	103 113 1 85
1. Energy Consumption & PO	2	3.287.708	125	880	657	757
2. Thermal En Cone & PD	MBTU	2,630,167	865,796 (-67,11			-
3. Elecation En Cons & PD	MBTU	657.541	577,197 (-12,2)	215,250 (-67.3)	159,177 1 -75,81	138,079 (-79
4. Resident Pondetion & PO	FOPLE	200	207 (3.51	195 (- 2.5)	187 (- 6.5)	7 - 7 981
5. Non-flexident Population & PD	PEOPLE	1.376	1.021 (-25.8)	461 (-66.5)	342 (-75.1)	358 1 -74
8. Population Served** 6 PD	PEOPLE	1.573	_	656 (-58,31	529 1 -66.41	-
> Effective Presidence *** 6 PD	PEOPLE	659	1-17.	349 1-47.01	301 (-54,31)	305 1 -53.
& En Contamorier Pap Served & Po	MBTUCAP	2 090 1	-	0	1.253.8 (-40.0)	-
9. En ConsumptionEff Pop & PO	MBTUICAP	4,988.9	-		2,203.5 (-55.8)	1,616.9 (-67
10. Electric En Core emption/Resident Population	MBTUCAP	3.287.7	-	1,103.8 (-66.4)	851.2 (-74.)	742.4 (-77
11. Installed Air Cor 1 Capacity & PD	TONS	877	877 1 0 1	1 0 1 2/8	-)
12. But Energy/Ton of Air Cond B Po	MBTUTON	749.8	658.1 (-12.2)	245,4 (-67,31)		1
13. Real Property by sentory (1979 & P.O.	KSt	5.083	5.049 (-0.7)	5.053 (- 0.61	5,118 (0.7)	3,102 (-39
14. RPVERBOOM Population	KSF/CAP	7.71	9.23 (19.7)	14,481 87,71	17.00 (120.4)	10.171 31
15. Energy Consumption/GSF to PD	STUGSF	646.805	285,798 1 -55,81	163,840 (-74,7)	129,589 1 -80.01	158,975
18. Thermal En Consumption/GSF to PO	BTUKSF	517,444	171,479 1 -66.91	121,242 1-76,61	10.18- 1 -81.01	114,463 (-77
17. Electrical En Consumption/GSF & PD	BTUGSF	129.361	114.319 1 -11.61	42.599 (-67.1)	31,101 1-76.01	44,513 (-65
18. RPI by Category	KSF					
Training	KSF	•				
Maintanas & Production	KSF	1.276	1,273	1,276	1,326	61
Research, Development & Testing	KSF	\$	\$			
Storage	KSF	2.665	2,664	2,281	2,281	859
Other Covered Stange	KSF	Not Available Separately-included Above	BASE	387	391	1,814
Hospital & Medical	KSF	12		12	12	2
Administration	KSF	534	519	519	530	127
Bechelor Housing	KSF	17	16	16	16	1
Community Facilities	KSF	183	178	178	178	1
Family Housing	KSF	142	131	127	127	112
Operational Buildings	KSF	12	77	14	14	07
Utility Buildings	KSF	237	237	238	238	99
- Marie Contract Cont	KSF	Not Available BASE			4	23

Freepy Consumption & PD 2. Thurmed St. Con. & PD 3. Secretal for Co. & PD	•		-		-	
ę						
£	UNITS/FY	ĸ	22	п	P	R
	MBTU	345,070	315,533 (- 8.6)	272,738 (-21.0)	269,393 1-21,91	208.417 (-39.5
	MBTU	245,000	224,029 1-8.61	188,190 (-23,2)	180,494 (-26,3)	127,135 (-48.1
	MBTU	100.070	91,504 1-8,61	84,548 (-15,5)	88.899 (-11.2)	81.282 (-18.8)
4 Needers Population & PO	J. MEOPLE	0	1000	1 0 1 0	- 0	0 - 0
5 Non-Resident P. Substan 9 PD	andom.	1,078	732 (-32,1)	893 (-17,2)	877 (-18.6)	7.61- 1 698
8. Population Served** fr PO	J HOSH	1.078	732 (-32.1)	893 (-17.2)	877 1-18-61	869 (-19.4
7 Effective Papulation*** & PD	FOUR	359	244 (-32.0)	298 (-17.0)	292 (-18.7)	290 (-19.2
8 En Consumption/Pap Served fo PO	MBTUICAP	320.1	431.1 (34.7)	7.	7.	- -
	MBTUCAP	961.2	1.293.2 (34.5)	1		┝
10 Electric fin Consumption/Resident Population	MBTU/CAP	1	-	-	-	-
11 Insusting Air Cond Capacity & PO	TOMS	850	860 (1.2)	860 (1.2)	860 (1.2)	1.001
12 Elec Energy/Ton of Air Cond & PD	MBTUTON	117.7	106.4 (- 9.6)	98.3 (-16.5)	1-1 7	81.2 (-31 0
	KSF	2,161	2,168 (0,3)	798 (-63.1)	ľ	-
14 MPVERBESHIE Population	KSFICAP	6.02	19.47 1 68.8	2.681-55.51	7.54 (25.3)	3.291 -45.4
15 Energy Consumption/GSF & PD	BTUKSF	159,681	145,541 (-8,9)	341,777 (114.0)	122,340 (-23,4)	218.696 (37.0
	BTUKSF	113,373	103,334 (-8.9)	235,827 (108.0)	896	133,405 (17.7
eumpston/GSF & PD	TUKESF	46,307	42,207 (- 8,9)	105,950 (128.8)	ľ	-
18 MP1 by Canagory	KSF					***************************************
	KSF	1	1	3		××××××××××××××××××××××××××××××××××××××
Mantenance & Poduction	KSF	902	901	368	938	381
Research, Development & Testing	KSF	16	17	8	19	8
	KSF	1,065	1,070	116	976	297
•	¥SŁ	Not Available Separately-Included Above	BASE	201	06	158
Hospital & Medical	KSF	10	10	8	10	8
Administration	KSF	95	95	57	95	59
Bachelor Housing	KSF	_	-			
4	KSF	29	30	.13	30	13
Farmity Houseng	KSF	_		-	1	e
1	KSF	10	12	_	11	ŧ
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Right Righ	13. Real Property Inventory (RPS & PD	KSF	3 154	-	843	-	3,123 (-1.0
BTUIGSF 332,727	14. RPVETterrine Proudstron	KSFICAP		1 50	3.97(19.0)	_	.404
ETUIGSF 222,957 76,410 (-65,7) 296,914 (33,2) 224,010 (-65) 231,6 (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65) (-65)	15. Erat 2v Consumption/GSF B PD	BTWGSF	1	, 697	-	1	350,932 (5.5)
No. of the contract of the c	16. Thermal En Comparagion/GSF 6+ PD	BTU/GSF	222 957	-	-	_	231,615 (3.9
KSF	17 Electrical En Consumption/GSF & PD	BTU/GSF	100 816	-	249 (15	-	119,317 (8.7)
Kist Control Kist Control	18. RPI by Caragory	KSF					
KSF 2,231 2,231 1,999 2,229 2,229 2,229 KSF 731 67 67 67 67 67 67 67 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69 69<	Traming	KSF					
KSF Z	Meinemence & Production	KSF		2.231	1.909	2,229	2,208
KSF Not Avelately Sopre retry included Above 732 67 67 67 67 KSF 50 47 63 KSF 51 50 47 63 KSF 51 51 51 51 KSF 41 41 41 KSF 41 41 41 KSF 41 41 41 KSF Mot Avelately 87 8ASE 15 KSF Not Avelately 8ASE 15 KSF Not Avel	Research, Development & Testing	KSF		1	1		ı
KSF Not Anguistic September Packaged Above BASE 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669 669	Storage	KSF	731	732	67	- 67	- 67
KSF 50 43 7 7 7 KSF 50 50 43 43 43 KSF 14 14 14 14 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 <th>Other Covered Storage</th> <th>KSF</th> <th>Not Available Separately-Included Abov</th> <th></th> <th>699</th> <th>699</th> <th>699</th>	Other Covered Storage	KSF	Not Available Separately-Included Abov		699	699	699
KSF 50 50 43 43 43 43 43 43 43 4	Hospital & Medical	KSF			7	7	
KSF 14 14 14 14 14 14 14 14 14 14 14 14 14 14 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41	Administration	KSF	05	50	67	67	43
KSF 14 14 14 14 KSF 41 41 41 41 KSF = 1 1 1 KSF = 1 91 91 KSF Nor Ansubote 37 91 91	Bechelor Housing	KSF				_	•
KSF 41 41 41 41 41 41 41 41 41 41 41 41 41	Community Facilities	KSF	71	14	14	14	14
KSF 1 1 1 KSF No. Available 8.7 9.1 9.1 9.1 KSF No. Available BASE 1.5 - -	Farrey Housing	KSF	17	41	15	41	41
KSF Nor Available BASE 1 15 - 91	Operational Buildings	KSF			1	1	1
KSF Nor Avadable	Cristy Buildings	KSF	87	91	- 61	91	80
		S.S.			51		1

U.S. Army - ANALYSIS OF ENERGY	GY CONSUM	CONSUMPTION - INSTALLATION LE	LETTERKERNY AU, PA	MACOM PARCON	CLIMATIC REGION 2 HDU	HDU 3, 319 CDU 193
		1. 1. 1. 1. 1	1-1-1	1 1 1		1 -1 -1 -1 -1
	UNITS/FY	æ	R	ш	æ	R
1. Energy Consumption to PO	MBTU	996.001	994, 903 1 - 0.11	1.031.375 (3.0)	1.042,342 (4.7)	962,837 (- 3.3)
2. Thermal En Come & PD	MBTU	527,881	547,197 (3.7)	526,002 (- 0.4)	521,171 (-1.31	433,277 (-17.9
3. Electrical En Cone & PO	MBTU	468.120	447,706 1 - 4,41	505,373 (8,0)	521,171 (11,3)	529,560 (13.1)
4. Assistant Population & PO	PEOPLE	208	199 (- 4.3)	192 (- 7.7)	191 (-8.2)	185 (-11.1)
5. Non-Resident Population & PO	PEOPLE	5.560	5.446 '- 2.11	5,427 (- 2,41)	5.573 (0.21	5,479 1 - 1.9
& Population Served** & PD	PEOPLE	5.768	5.645 1 - 2.11	5,619 (- 2,6)	5.764 (-0.11	5,664 (- 1.9
7. Effective Population*** & PD	PEOPLE	2.061	2.014 (- 2.31	2,001 (-2,9)	2,049 1 - 0.61	2,011 (- 2.4)
8. En Consumption/Pop Served & PD	MBTUCAP	172.7	176.2 (2.1)	183.6 (6.3)	180.8 1 4.71	170.0 (- 1.0
9. En Consumption/Eff Pap & PD	MBTUCAP	483.3	494.0 1 2.21	515.4 (6.7)	508.7 (5.31	6.0 - 1 8.847
10. Electric En Consumption/Resident Population	MBTUCAP	2.250.6	2.249.8 ' - 0.04	2,632,2 (17,0)	2,728.6 (21.2)	2,862.5 1 27.2
11. Installed Air Cond Capacity & PD	TOMS	2.205	2.337 (6.0)	2,450 (11,1)	2,471 (12,11	2,471 (12.1)
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	212.3	191.6 1 - 9.81	206.3 1- 2.81	210.9 1 - 0.71	214.3 (0.9
13. Real Property Inventory Office & PO	KSF	6.836	-	6.901 (0.7)	18.0) 806.9	9.0) 768.9
14. RPVEHective Population	KSF/CAP	3,33	3.40! 2.31	3,45(3,7)	3,37 (1,3)	
15. Energy Consumption/GSF & PO	BTUGSF	145.274	145,199 1 - 0,11	149,453 (2.91		
16. Thermal En Consumption/GSF & PD	BTUGSF	76,995	17,8 1 9,859	76,221 (- 1,0)	75,445 (- 2.0)	62,848 (-18.4
eumpaton/GSF & PD	BTUIGSF	68,279	65,339 1 - 4,31	73.232 1 7.31	75,445 (10,5)	76,815 (12.9
18. RPI by Catagory	KSF					
Training	KSE	1 1	1	1	1	1
Maintenance & Production	KSF	953	7967	1.019	1,020	1,022
Research, Development & Testing	KSF					-
Storage	KSF	4,944	4.918	2.104	2,111	2,111
Other Covered Storage	KSF	Not Available Separately-Included Above		2.736	2,737	2,743
Hospital & Medical	KSF	7	*	4	7	7
Administration	KSF	317	317	321	321	321
Bechelor Housing	KSF	7	7	9	9	11
Community Facilities	KSF	118	119	122	122	127
Farnity Housing	KSF	69	69	. 69	69	- 69
Operational Buildings	KSF	400	399	468	468	435
Utility Buildings	KSF	£.7	67	67	67	87
	20	Non Available RASE				

FY 77 ECIP - Insulation - \$2,661,496 - Completed (estimated) June 1978

1 Eratgy Comumentors & PD 2 Thermat Gn Cone & PD 2 Beccured for Cone & PD		L. L. L. L.	-		-	-
integy Comumption & PD Themsel Sn Cons & PD Theretal Sn Cons & PD			A			
integy Consumption & PD Nermal En Cons & PD Necessial En Cons & PD	UNITSEY	ĸ	æ	#	202	20
Thermal En Come & PD Received En Come & PD	MBTU	555.214	520,700 1- 6.21	515,094 1- 7.2 1	395,061 (-25.8)	410,913 (-26.0)
Receipted for Come to PD	MBTU		249,936 1-6.21	257,547 (- 3.4.1	185,670 1-30,31	209,566 (~21.4)
	MBTU	288.711	9-1	257,547 (-10.8 1	209,382 (-27.51	201,347 (-30,3)
4. Nemous replanted of the	PEOPLE	85	1 0 1 88	+ 0 + 5×	85	1 U 1 88
5. Non-Resident Population & PD	PEOPLE	3.948	3.567 1 - 9.71	2,780 (-29,61	1,846 (-53,2)	1,784 (-54.8)
8. Populetion Served** B PD	PEOPLE	4.033	3.552 1 - 9.41	2,865 1-29.01	1.931 1.52,11	1,869 1-53.7
7 Effective Population*** 6 PD	PEOPLE	1 401	1.274 1 - 9.11	1,012 (-27.8)	700 1-50.01	690 1-51.51
8 En Consumption/Pap Served & PD	MBTUICAP	137.7	142.6 1 3.61	179.8 (30,61)	204.6 1 48.61	210.9 (2).7
9 En Consumption(Eff Pop & PO	MBTUICAP	396.3	408.7 (3.1)	500,0 1 28.41	564.4 1 42.41	604.3 1 52.5
10. Electric En Comumption/Resident Population	MBTUCAP	3.396.6	3.185.5 (- 6.2)	1 300 C 1 10 K	2.463.3 1-27.51	2.358.8 (-30.2
11 Installed Air Cond Capacity & PD	TONS	931	1 290 1 38.61	1 230 1 18.61	1,332 (43,11	1.337 1.23.1
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	310.1	209.9 1-32.31	100,6 1-35,61	157.2 (-40.3)	151.2 (-51
13. Resi Property Inventory (NPT) & PO	KSF	5.408	-	5,737 , 0,11	5,735 (6,0)	5,530 (2.3)
14. RPIEHective Population	KSFICAP	3.86	10.41 1 84.4	5.47 1 46.9 1	8.10 (112,2)	3,13 (110,7)
15. Energy Consumption/GSF ft PD	BTU/GSF	102,665	91,287 (-11,1)	89,785 (-12,51)	68,886 1-32.91	19.72-1 306.47
18. Thermat &n Consumption/GSF B PD	BTUIGSF	49,279	43,818 (-11,1)	10.8 -1 508.77	32,376 (-34,31	17,896 (-23.1)
17. Electrical En Consumption/GSF & PO	BTUKSF	53.386	47.469 (-11.11)	44,867 (-15,91	36,510 1-31,61	36,410 1-31,8
18. RPI by Casagory	KSF					
Transing	KSF	19	19	10	10	17
Maintenance & Production	KSF	533	540	212	534	760
Research, Development & Teating	KSF	,	1		1	
Storage	KSF	4.216	4,225	2,192	1,10?	:01°:
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	5, 66a	5 NSO	350.2
Hospital & Medical	KSF	14	14	η.	1.	14
Administration	KSF.	227	227	227	223	55.1
Bechelor Housing	KSF	2	2	cı	c i	
Community Facilities	KSF	88	88	88	va.	87
Farmity Housing	KSF	32	32	32		32
Operational Buildings	KSF	254	524	531	11.5	740
Utility Buildings	KSF	23	30	30	5,7	c,
Other	KSF	Not Available BASE	2	ē.	1	

FY 76 ECIP - Insulation - \$979,035 - Completed May 1978

U.S. Amy - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION LONE STAR AAP.	GY CONSUM	IPTION - INSTALLATION LON	STAR AAP, TX	MACOM DARCON	_ CLIMATIC REGION 7_ HDD	HDD2,531 CD0 2,245
		1 1 1 1	1 1 1	L L	1111	1 1 1
	UNITS/FY	P.	2	u	82	£
1. Energy Consumption & PD	MBTU	1.201.335	882,116 (-26,6)	656,611 (-45.3	729,429 (-39.3)	822,226 (-31.6)
2. Thermal En Cons & PD	MBTU	961.068	372	505,591 1-47.4	532,484 1-44.61	624,892 (-35.0)
3 Electrical En Cons & PD	MBTU	240,267	185,244 (-22.9)	151,020 (-37.1	196,945 (-18.0)	197,334 (-17.9)
4. Resident Population & PD	PEOPLE	1	-	•	1 -	, -
5. Non-Resident Population & PD	PEOPLE	2.494	2.137 (-14.3)	1,849 (-25.9	2,275 (-8.8)	1,971 (-21.0)
8. Population Served** 8 PD	PEOPLE	2.494	2,137 (-14,3)	1,849 (-25,9	2,275 1-8,81	1,971 (-21.0)
7. Effective Population*** & PD	PEOPLE	831	712 (-14.3)		758 1 - 8.81	657 (-21.0)
B. En Comumption/Pap Served & PO	METUCAP	481.7	412.8 (-14.3)	355.1 (-26.3	320.6 (-33.4)	417.2 (-13.4)
9. En Comeumption/Eff Pap & PD	MBTUCAP	1,445.6	1,238.9 (-14.3)	1,065.9 1-26.0	962.3 (-33.4)	1,251.5 (-13.4)
0. Electric En Consumption/Resident Population	MBTU/CAP	-	-		-	-
1. Installed Air Cond Capacity & PD	TONS	2,768	2,768 (0.0)	2,768 1 0.0	5,087 (83.8)	5,087 (83.8)
2. Elec Energy/Ton of Ale Cond & PO	MBTU/TON	86.8	66.9 1-22.91	54.6 (-37.1	38.7 1 -55.41	38.8 (-55.3)
3. Real Property Inventory (RPI) to PD	KSF	3,178	3,023 (- 4.9)	1,941 (-38.9	3,015 (-5.1)	3,018 (- 5.0)
4. RPVEffective Population	KSFICAP	3.82	4.25 (11.0)	3.15 (-17.6	3.98(4.0)	4.59 (20.1)
5. Energy Communication/GSF is PO	BTU/GSF	378,016	291,802 1 -22.81	338,285 (-10.5	241,933 1-36.01	272,441 (-27.9)
6. Thermal En Consumption/GSF & PD	BTUGSF	302,413	230,523 1-23.81	260,480 (-13.9	176,612 (-41.6)	207,055 1-31.51
7. Electrical En Consumption/GSF & PO	BTU/GSF	75,603	61,278 (-18.9)	77,805 (2.9	65,321 (-13.6)	65,386 (-13.5)
8. RPI by Category	KSF					
Training	KSF					-
Maintenance & Production	KSF	1,451	1,437	369	1,442	2,087
Research, Development & Testing	KSF	8	æ	2	2	9
Storage	KSF	1,328	1,324	722	722	144
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	602	665	-
Hospital & Medical	KSF	13	13	13	13	13
Administration	KSF	128	127	119	123	92
Bechelor Housing	KSF	1			-	1
Community Facilities	KSF	95	56	99	- 26	27
Farnity Housing	KSF	ı	ı	-		-
Operational Buildings	KSF	6	17	17	13	
Utility Building	KSF	185	41	41	41	22
Other	KSF	Not Available BASE		_	_	
		*PD is Percent Deviation from Base Yes		**Population Served is the total Resident & Non-Resident Population	Mercon ***Eff Pop is Regident + 1/3 Non-Regident	1/3 Non-Resident

FY 78 Boiler Plant Alterations - \$843,000 - Completed (estimated) December 1979

U.S. ATMY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION LONGHORM, AAP, TX	GY CONSUL	MPTION - INSTALLATION LONGE	ORN AAP, TX	MACOM DARCOM	CLIMATIC REGION 2 HDD 2, 370	2,370, CDD 2,459
			1 1		-	_
	UNITS/FY	ĸ	2	u	R	P
1. Energy Consumption B PD	UTBM	660,533	451 056 (-31 7)	613 165 1- 7 2 1	658 963 6 - 0 31	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
2. Thermal En Core & PO	METU	502,006	ı	ال	-	
3. Electrical En Core & PO	MBTU	158.527	-	134 896 (-14 9)	158 146 (- 0 2)	
4. Nesident Population & PO	PEOPLE		-	-		
E. Non-Resident Population & PO	PEOPLE	1.708	660 1 -60.91	852 (-50.11	186 1 20 31	037
4. Population Served** 6-PD	PEOPLE	1 708	-		-	937
7. Effective Population*** & PO	PEOPLE	569	222 1 -60.91	284 1-50.11]-	21.5
B. En Contampilian/Pap Served Ib PD	MBTUCAP	386.7	۲	719.7(86.11]-	7.672
9. En Consumption/ER Pap & PO	MBTUCAP	1.160.2	2.031.8 75.11	2.159.0(86.1.1	١.	2 220 2
10. Electric En Consumption/Registers Population	MBTU/CAP		-		-	417444
11. Installed Air Cond Capacity & PD	TONS	2,553	2.580 (1.11	2 733 1 7.11	7 733 1 7 11	2 733
12. But frage/Ton of Air Cond & PD	METUTON	62.1	43.7 -29.61	4941-20.51	57 9 (_ 6 8)	63 6
13. Real Property Inventory (RPI) & PD	KSF	1,329	1.315 (= 1.1)	1 271 (- 4 4 1	1	1 376
14. MPVEMeraive Population	KSEICAP	2.33	5.92 153.61	, ~	8) 56 7
VS. Energy Consumption/GSF & PD	BTUKESF	497.015	343.008 (-31.0)	482.427 (= 2.91	ı	1 115 765
18. Thermal En Con samplifanGSF & PO	BTUKESF	377,732	257,256 (-31,9)	376.293 '- 0.41	-	107 187
17. Electrical En Consumption/GSF & PO	BTUGSF	119.283	85,752 (-28,11	106.134 4-11.01	-	131 127
18. RPI by Category	KSF					
Training	KSF			-	NAXXXX.	***
Meintenance & Production	KSF	625	611	613	404	404
Research, Development & Toming	KSF	69	69	69	40	9
Serrege	KSF	441	441	157	157	151
Other Covered Storage	XSF.	Not Available Separately-included Above	BASE	238	300	30%
Hospital & Medical	KSF	7		7	7	-
Administration	KSF	93	93	93	93	93
Bechelor Housing	KSF	-	*	-		
Community facilities	KSF	37	37	37	37	23
Fernity Housing	KSF	_		·		
Operational Buildings	KSF	10	10	10	101	0.
Unitry Buildings	KSF	47	47	47	2.7	27
	KSF	Not Available BASE		4		

HDO 2, 33	
CLIMATIC REGION 7	
MACOM PATERING	1
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CDD 2,451

	UNITS/FY	Æ	2		Ŕ	æ
Entroy Consumption is PD	MBTU	560,628	12,000 10,000	1 2 91-1 025 108		1 3.22-1 325, 905
Thermal En Cons & PD	MBTU	398,046		165,95× 1-5+,31	152,157 (-61.81	154,613 (-61.2)
3 Electrical En Cons & PD	MBTU	162,582		1 15, 702 1-16,51	134,931 (-17.0)	154,613 (- 4.9)
4. Resistant Providency & PO	PEOPLE	83	45 (1 - 30, 5)	1 1 2 1 1 2	34 (-56.1)	31 (-62.2
5 Non-Resident Population & PD	PEOPLE	1 020	15.61 08	701 (-31.31	720 1-29.41	822 (-19.4)
6 Prouteron Served** 6 PD	PEOPLE	1 102	1	746 1-32,31	754 1-31.41	853 1-22.61
Filerine Brothstone & BO	3 KO36		307 1 27 21	19.6-1 52.61	276 1-34.61	305 (-27.7)
B En Communication Secured to PO	MATINCAP	\$08.7	- -	404.2 (-20.5)	379.7 1-25.41	342.5 (-28.7)
9 En Communication Res Per Pro	MRTENCAP	1	-	lσ	1.040.2 (-21.7)	1,013.9 (-23.7)
10 Elector En Consumoron@medica Pondarion	MBTU/CAP	1-	-	3,015.6 (52.1)	3,748.1 (89.0)	19.151, 5.786.2
1) installed As Co. d Consetty fo PO	TONS		_	-	905 (3.5)	13.51
12 Flac Franco Con of As Count is PO	MBTU/TON		1	149.9 1-19.41	149.1 (-19.9)	170.8 (- 8.2)
13 Best Property in century (BPI) fo PD	KSF	,	1784 1 = 5.71	2.778 1-4.91	2,697 (- 7.6)	2,762 (- 5.4)
14. RPVEMective Population	KSF/CAP		8,97 29,61	9.961 43.91	9.77 (41.21	9.066 30.97
15 Energy Consumption/GSF & PD	BTUIGSF	191, 996	155,525 (-19,0)	108,553 (-43,51	106,447 (-44.6)	
16 Thermal En Convumption/GSF to PD	BTUIGSF	136.317	14,871 (-30,4)	59,704 (-56.2)	56,417 (-58.6)	16.85-1 679,82
17 Electrical En Consumption/GSF & PD	BTU/GSF	55.679	6.8 1 8.91	48 849 1-12.31	50,030 (-10.1)	15.0 1 R79,28
18 RPI by Caregory	KSF					*************************************
Francia	KSF	1		-		+
Mantenance & Production	KSF	1.312	1,257	1,302	1,239	1,301
Research, Development & Testing	KSF	F	3	3	3	3
Storage	KSF	1.163	1,153	1,053	1,044	1,053
Other Covered Storage	KSF	Not Available Separatety Included Above	bove	109	106	106
Homosal Sr Me ticat	KSF			11	10	10
Administration	KSF	66	66	66	76	66
Berbelov Houseng	KSF					f
Community Facilities	KSF	106	106	66	66	66
Family Housing	KSF	47	47	31	31	20
Docustional Buildings	KSF	67	55	47	47	47
Unity Buildings	*SF	130	23	70	24	24
946	KSF	Not Available BASE	38			_

REMARKS

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KSF Not Available Stylent by Incident Above 84-SE 37 31 31 32 2 2 32 32 33 34-5 33 34-5 33 34-5 33 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5 34-5	•	#SF	37					000	
KSF 186 186 330 346 KSF - 2 24 KSF - 2 2 KSF 4 5 1 1 KSF 7 7 75 75 KSF 7 75 75 75 KSF 7 75 75 75	Section of Section 2	KSF	Not Available Separately-Included Ab			35	+		
KSF 186 186 330 346 KSF - 2 21 21 KSF - 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	,	•	2	2			
KSF		2 3	185	186	330	346		186	
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KSF 74 73 75 75 75 75 75 75 75 75 KSF KSF 73 75 75 75 75 75 75 75 75 75 75 75 75 75		KSF	1			-		7.6	
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	UNITS/FY	ĸ	R		n		92		R		
	MBTU	642,385	554,044	(- 13.8	298,208	+ 53.61	504,012	1- 21.9	408,935		6.3
	MBTU	423,975	365,670	(- 13.8)	161,033	L 62,01	372,969	1- 12.0	282,166	1- 33.4	17 .
	MBTU	218,410	188,374	(- 13.8	137,175	L 37,2!	131,043	0.04 -1	126.769	1- 42.0	2.0
	PEOPLE	135	111	(- 17.8	101	L 25.21	18	0.04 -1	88	(- 34.8	7.8
	PEOPLE	3,281	1,395	6-52-1	1,316	L 59.91	2151	6-56.8	1,398	- 5	57.41
	PEOPLE	3,416	1,506	1- 55.9	1,417	L 58.51	1.498	(- 56.1	1.486	1- 56.5	6.5
-	PEOPLE	1,229	576	1- 53.11	240	L 56.11	553	1- 55.0	554	(- 5	54.9
£	MBTUCAP	188.1	367.9	6.56	210,5	11.91	336.5	4 78.9	275.2	-	6.9
	MBTUCAP	522.7	961.9	0'78	552,2	16.5	7,116	0.76 1	738.1	7)	7.7
Population	MBTUCAP	1,617.9	1,697,1	6'7 1	1,358,2	11,91 -	1.617.8	0.0	9.055.1	- 1	<u></u>
٥	TONS	-	•	1	-	1		1	840	-	-
٤	METUTON	-	•	1		-	•	()	150.9	-	-
£	KSF	3,684	3,668	(- 0.4a	3,466	16'5 7	3,663	9.0 -1	3,476	-	5.6
	KSFICAP	3.00	6.37	1112.4	6.42	(114,11)	6,62	(120,9)	6.27	, I	S.
	BTUNGSF	174, 372	151,048	(- 13.4	86,038	L 50.71	137,595	(- 21.1)	117,645	(- 32.5	2.5
2	BTUKESF		99,692	(- 13.4	46,461	19.65 7	101,821	I- 11.5	81,175	1- 29.9	6.6
2	BTUKGSF		51,356	(- 13.4)		L 33,21	35,774	1- 39.7	36.470	1- 38.4	8.4
	KSF	$\stackrel{\circ}{\sim}$		****	X	************	*****	****	***	X	\bigotimes
	KSF	•	•				1		•		_
	KSF	870	998		689		863		711		
•	KSF	8	8		8		8		80		
	KSF.	2,474	2,471		2,358		2,361		2,356		
	KSF	Not Available Separanaly Included Above	bove	BASE	108		107		106		
	KSF	8	8		8		8		8		
	KSF	111	111		109		111		100		
	KSF	1	-		-		•				
	KSF		55		54		55		55		
	KSF	85	85		85		85		85		
	KSF	31	36		29		37		29		
	KSF.	36	28		18		28		19		
	KS.	Mot Available BA	BASE		91		•		10		

REMARKS

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U.S. Army — ANALYSIS OF ENERGY CONSUMPTION INSTALLATION	GY CONSUM		FT. MOMMOTTH, N.1	MACOM DANCOT	CLIMATIC REGION HDD	HDD TITE CDD
					1 t 1	
	UNITS/FY	ję.	R	и	R	P
1. Energy Consumption & PD	MBTU	1 836 020	1 654 654	1.552.679 (-15.4)	1,487,631 (-19,0)	1,474,460 (-19.7)
2. Thermail En Cone & PD	MBTU	1.046.532		916.081 1-12.51	847.950 (-19,0)	869.932 (-16.9)
3. Electrical En Cone & PD	UTBM	789.488	728 047 '- 7.81	1,5-61- 1 865 989	639,681 (-19.0)	604, 528 (-23, 4)
٥	PEOPLE	987 9	07-1	5.982 (- 7.1)	6-270 '- 2.61	5,587 (-13.2)
2	PEOPLE	9 587	-	8 154 (-14.9)	7,126 1-25,71	17.798 (-18.7)
6. Population Served** & PD	PEOPLE	16.023	10 21-1 560 71	14,136 (-11,8)	13,396 (-16.4)	13,385 (-16,5)
٩	PEOPLE	9,632	-	6 - 1	ľ	8,186 (-15,0)
5	MBTUCAP	114.6	7.	109.8 (- 4.1)	111.1 4-3.1	110.2 (- 3.91
	MBTUVCAP	190.6	۰ ا	178.5 (- 6.4)	172.1 1 -9.71	180.1 1 - 5.51
and Population	MBTUCAP	122.7	-	-	102.0 (-16.8)	108.2 (-11.8)
	TONS	5 505	-	-	-	5.894 (7.11
•	MBTUTON	7 171	- 0	2 1 -25	141.3 (- 1.4)	102.6 1 -28.51
	KSF	7.431		6.226 (-16.2)	6,206 (-16.5)	6,205 (-16.5)
14. RPVEffective Population	KSFICAP	-77	1.00 (29.91	(5.9 - 1 - 5.5)	.72 (- 6.51	.76 (- 1.31
15. Energy Consumption/GSF & PD	BTUKGSF	247 075	-	249.386 (0.9)	239,708 (- 3,01	237,624 (- 3.8)
16. Thermal En Consumption/GSF B PD	BTUGSF	140,833	127 386 1- 9.51	147,138 1 4,51	136,633 1- 3.01	140,198 (- 0.5)
_	BTUKSF	106 242	-	-	101	97,425 1 - 8.31
18. RPI by Category	KSF					
Training	KSF	750	600	121	134	119
Maintenance & Production	KSF	324	353	354	354	358
Research, Devutopment & Testing	KSF	814	118	795	802	802
Storage	¥SŁ	5.62	627	2	2	2
Other Covernd Storage	KSF	Not Available Separately-Included Above		545	506	167
Hospital & Medical	KSF	158	751	145	145	145
Administration	KSF	1 558	7171	1.405	1.339	1.350
Bachetor Hous 10	KSF	1 043	226	537	561	561
Community Fe alties	KSF	366	575	541	552	559
	KSF	1.546	589 (1.684	1.687	1.688
Operational Buildings	KSF	29	25	24	54	55
Utility Buildings	KSF	٤7	77	43	7.0	7.0
	KSF	Not Available BASE			ŀ	•

*PO is Percent Devision from Base Year ***Population Served is the total Resident 8 Non-Resident PY 77 Family Housing ECIP Improvements - \$199,112 - Completed (estimated) October 1978

U.S. ATT - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION NATICE RECEIPER CITY	GY CONSUM	IPTION - INSTALLATION NAT	TCK RSCHEDEV CTP, MA	MACOM DARGOY	CLIMATIC REGION 2 HDD	HDD (17: CDD 636
]		1 1 1	W W	1 1 7
	UNITS/FY	ĸ	æ	и	æ	æ
1. Energy Consumption 6-PD	MeTu	308, 773	306,588 1- 0,73	304.502 (- 1.4)	296,782 1- 2.91	4 E -1 LE 10
2. Thermat for Cone B PD	MBTU	163.650	156,360 (- 4,5)	155,297 - 5.1 1	146,894 (-10.31	1-2,624 (-12.6
3. Electrical En Cone & PO	MBTU	145-123	150,228 (3,5)	149,205 (2.8)	152,888 (5 4.)	154,509 1 6.5
4. Resident Population & PD	PEOPLE	355	334 (- 5.91	329 1-7,31	330 1-7 91	356 1 5.3
5. Non-Resident Population & PD	PEOPLE	1 377	1,335 (- 3,1)	1.285 - 6.7 1	1,252 (- 9.1)	1,215 (-11.7
6. Population Served** 6 PD	PEOPLE	1, 732	1,669 (- 3,6)	1.614 (- 6.8)	1,582 (-8.7)	1.601 1-7.0
7. Effective Population*** & PD	PEOPLE	814	779 (- 4.31	157 1-7.01	747 1- 8.21	791 (- 2.5
B. En Consumption/Pap Served & PD	MBTU/CAP	178.3	183,7 (3,0)	, 1	189.5 (6.3)	185.5 (4.1
9. En ConsumptionEff Pop & PD	MBTU/CAP	379.3	18'6 1 3'81	402.2 (6.0)	401.3 (5.81	375.6 1-1.1
10. Electric En Consumption/Resident Population	MBTU/CAP	8.804	(10.01) 8.645	453.5 (10.9)	463.3 (13.31	400.3 ← 2.1
11. Installed Air Cond Capacity & PD	TONS	894	16.9 1 6.91	16.9 1 956	16.6 1 8.91	1,037 (14.0
12. Elec Energy/Ton of Air Cond & PO	MBTUTON	162.3	157.1 (- 3.2)	156,1 (- 3,9)	155.5 1- 4.21	149.0 (- 5.3
13. Real Property Inventory (1971 & PO	KSF	1,036	1,037 (0,1)	1,037 (0,1)	1,036 (0)	1,030 7.4
14. MPUEMective Population	KSF/CAP	1.27	1,33 (4,6)	1.37 1 7.61	1.39 1 9.01	1.30 (2.4
15. Energy Consumption/GSF & PD	BTUKSF	298,043	295.649 (- 0.8)	293,637 (- 1.5)	289 365 1- 2.91	2.88,479 (-3.2
16. Thermal En Consumption/GSF 6 PD	BTUKESF	157.963	150,781 (- 4,5)	149,756 (- 5,2)	141,790 (-10.2)	138,470 (-12.3
17. Electrical En Consumption/GSF & PO	BTU/GSF	140.080	144.868 (3,4)	143,881 1 2,71	147,575 1 5,41	150,009 (7.1
18. RPI by Cetagory	KSF			***************************************		******
Training	KSF	1	=	_	_	_
Maintenance & Production	KSF	7.0	7.0	7.0	70	7.9
Research, Development & Testing	KSF	550	550	550	552	552
Storage	KSF	177	177	107	107	106
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	70	57	9
Hospital & Medical	KSF		-			
Administration	KSF	99	56	99	99	- 66
Bechalor Housing	KSF	21	21	21	31	31
Community Facilities	KSF	18	18	18	18	17
Fernity Housing	KSF	118	118	118	118	112
Operational Buildings	KSF	1	1	1	1	1
Utility Buildings	KSF	15	16	16	16	16
Other	KSF	Not Available BASE		-		1
•		*PD is Percent Deviation from Base Yes		** Population Served is the total Resident & Non-Resident Population	***Eff Pop is Resident +	1/3 Non-Readent

*PD is Percent Devision from Base Yes **Population Served is the total Newdorn & Non Heave FY 76 ECIP - Insulate R & D Buildings - \$397,753 - Completed November 1977 FY 77 ECIP - Insulation & Replace Windows - \$140,813 - Completed (estimated) June 1978

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U.S. Army - ANALYSIS OF ENERGY	GY CONSUM	CONSUMPTION - INSTALLATION NEW CUMBERLAND AD	CUMBERLAND AD, PA	MACOM DARCOM	CLIMATIC REGION 3 HDD	HDD 5,224 CDD 1,025
	UNITS/FY	K.	20	ш	£	R
1. Energy Consumption & PD	MBTU	865,155	896.266 (3,6)	958,504 (10.8)	889,239 1 2,81	870,334 (0.6)
2. Thermal En Cons & PD	MBTU	562.351	537,760 (- 4,4)	546,348 (- 2,8)	462,405 (-17,8)	435,167 (-22,61)
3. Electrical En Cone 6 PO	MBTU	302.804	358,506 (18,4)	412,156 (36,1)	426,834 (41,0)	435,167 1 43,71
4. Resident Population & PD	PEOPLE	401	1990 - 1 668	391 (- 2,5)	529 (31,9)	387 (- 3.5)
5. Non-Resident Population & PD	PEOPLE	4.545	5.846 (28.6)	5,041 10,91	6,398 (40.8)	6,530 (43.7)
	PEOPLE	4,946	1 26	5,432 1 9,81	6,927 (40,11	1 38.81
7. Effective Population*** & PD	PEOPLE	1,916	2,348 (22,51	2,071 (8,1)	2,662 (38.9)	2,564 (33.8)
8. En Coneumption/Pop Served & PO	MBTUCAP	174.9	143.5 (-18.0)	176.5 (8.8)	128.4 (-26.6)	125.8 (-28.1)
	MBTUCAP	451.5	381.7 (-15.5)	462.8 (2.51	334.0 (-26.0)	339.4 (-24.8)
10. Electric En Consumption/Resident Population	MBTUCAP	755.1	898,5 (19,0)	1,054,1 (39,6)	16.9 1 6.918	1,124,5 1 48,91
11. Installed Air Cond Capacity & PD	TONS	789	780 (-1.1)	1,343 (70,2)	1,388 (75,9)	1,498 1 89.91
12 Elec Energy/Ton of Air Cond fir PD	MBTUTON	383.8	18.61 1 9.85	306.9 1-20.01	307.5 1-19.91	290.5 1-24.31
	KSF	5.319	5.346 1 0.51	5,515 (3,71	5,513 (3.6)	5,512 (3,6)
14. RPI/Effective Population	KSFICAP	2.78	2.28 (-18.0)	2.66 1- 4,11	2.07 (-25.4)	2.15 (-22.61)
F 8 70	BTWGSF	162,654	167,652 (3,1)	173,799 (6,91	161,299 (- 0.8)	157,898 1-2.91
16. Thermal En Consumption/GSF th PO	BTUIGSF	105,725	16.4 - 1 162.001	99,066 1- 6,31	83,875 (-20,7)	78,949 (-25,31)
aumption/GSF & PD	BTU/GSF	56.929	18,71 1 15,81	74,733 (31,31	77,423 (36,0)	18.949 (38.7)
18. RPI by Catagory	KSF	***************************************				
Training	KSF	3	3	3	3	3
Maintenance & Production	KSF	602	865	009	601	57.2
Passarch, Development & Teating	KSF	12	77		1.2	
	KSF	3.880	198.6	1	1	1
Other Covered Storage	KSF	Not Available Separately Included Above		3.984	3,982	600*7
Hospital & Medical	KSF	7	2	7	7	
Administration	KSF	355	350	353	353	353
Buchetor Housing	KSF	83	83	83	83	83
Community Facilities	KSF	158	159	159	158	159
Fermity Mounting	KSF	204	204	204	204	204
Operational Buildings	KSF	7	19	101	101	101
Unitity Buildings	KSF	oc .	8	8	8	8
Other	KSF	Not Available BASE				

FY 77 Family Housing ECIP Improvements - \$20,867 - Completed (estimated) October 1978

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	SY CONSUM	PTION - INSTALLATION	NEWPORT AAP, IN		MACOM	PARCOM	CLIMATIC REGION 3		HDD 5,346 CDD 1,094	760.
		-	-	-	_	- _ _	_		_ _ _	_
	UNITSJEY	R	R			7	R		R	
1. Energy Consumption & PD	MBTU	287.116	186.687	(- 35.0)	166,990	+ 41.81	156,775	1- 45.4	162,202	1- 43.51
	MBTU	157.914	112,013	1- 29.1	106,874	₩ 32.31	98,769	1- 37.5	105,432	(- 33.2)
	MBTU	129, 202	74.674	1- 42.2	60,116	L 53.51	900,88	(- 55.1)	56,770	1- 56.11
•	PEOPLE	C	0	-	0	, ,	0	-	C	-
٤	PEOPLE	412	217	E- 47.3	194	L 52,91	241	1- 41.9	247	1- 40.01
6. Population Served** & PD	PEOPLE	412	217	C. 72 -1	194	16,22	241	1- 41.9	247	10.04 -1
٥	FOFE	137	72	1-47.3	65	L 52.91	80	1- 41.5	82	(0.04 -)
٤	MBTUCAP	6.969	860.3	(23.5	860,8	(23.51	650.5	4.9 -1	L	(- 5.8)
	MBTUCAP	2,095.7	2,592,9	1 23.7	2,569,1	(22,61	1,959.7	6.9 -1	1,978.1	(- 5.6)
ere Population	MBTUCAP	ı		-	'	-		-		-
11. Installed Air Cond Capacity & PD	TONS	457	457	0	457	1 0	457	0	337	(- 26.2)
12. Elec Energy/Ton of Ale Cond & PD	MBTU/TON	282.7	163.4	1- 42.2	131.5	15.51	126.9	(- 55.D	168.5	1- 40.41
	KSF	1,383	1,378	1- 0.4	532	15,19	1,371	6.0 -1	538	1- 61.11
14. RPVERective Population	KSFICAP	10.09	19,14	9 68 i	8.18	18.91	17.14	8'69)	95.9	(- 35.0)
15. Energy Consumption/GSF & PD	BTUKSF	207,604	135,477	1- 34.7	313,891	(51.2)	114,351	6. 77 -1		1 45.21
18. Thermal En Consumption/GSF & PO	8TU/GSF	114,182	81,287	1- 28.8	200,891	(75.9)	72,042	1- 36.9		(71.6)
17. Becaical En Consumption/GSF & PO	BTUGSF	93.422	54.190	1- 42.0	113,000	(0.12.0)	42,309	1-54.7	105,521	(13.0)
18. RPI by Category	KSF	***************************************	∞	$\overset{*}{\otimes}$	$\stackrel{\circ}{\sim}$	∞	****	$\stackrel{\circ}{\sim}$	$\stackrel{\circ}{\sim}$	$\overset{\otimes}{\otimes}$
Training	KSF				_		1			
Maintenance & Production	KSF	563	563		102		586		102	
Asserch, Development & Testing	KSF		11		_					
Storage	KSF	342	342		13		85		13	
Other Covered Storage	KSF	Not Available Separately-included Above	Above	BASE	250		257		250	
Hospital & Medical	¥S¥	12	12		ı		7		1	
Administration	KSF	78	78		45		7.5		4.5	
Bechelor Housing	KSF	 		7	2		1			
Community Fecilities	KSF	26	26				26			
Farmity Housing	KSF		-		-				,	
Operational Buildings	KSF	- 3	21				21		,	
Unifity Busidings	KSF		325		120		317		120	
Other	#SE	Not Available	BASE		٠				œ	

Findly Communic in Part Heady Communic in	U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATIONPICATINNY_ARSENAL	IGY CONSUM	APTION - INSTALLATION PI	CATINEY ARSENAL, NJ	MACOM DARCON	CLIMATIC REGION 2 HDD	HDD 6,304 CDD 430
WRITU 1,729,556 1,667,292 1,643,656 1,729,657 1,171,624 77 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 <th></th> <th></th> <th></th> <th>1 1 1 1</th> <th></th> <th>1 1 1</th> <th></th>				1 1 1 1		1 1 1	
WeTU 1,159,156 1,657,1292 i = 5.2 1,779,057 i = 1,771,254 i = 1,723,259 i = 1,724,259 i = 1,721,279 i = 1,		UNITS/FY	æ	R	и	2	£
Matter 1,585,800 1,482,400 1 - 6,5 1,534,850 1,146,975 1,483,550 Matter 173,746 184,892 1 - 6,4 1,94,207 1,11,8 1,246,975 1,243 5,500 FROME 5,318 5,420 1,4,31 5,525 1,1,2 5,900 1,4,71 5,404 FROME 5,001 5,865 1,2,11 5,42 5,13 5,900 1,4,71 5,404 FROME 5,242 2,222 1,2,21 5,225 1,2,1 5,41 5,41 2,900 MATTER 2,242 2,232 1,0,41 2,226 1,0,5 1,2,1 5,41 2,900 MATTER 2,88 747 1,4,3 7,68 1,11 3,81 1,6,1 1,6,1 2,900 MATTER 2,8 747 1,4,3 7,68 1,11 3,81 1,6,1 1,6,1 1,6,1 MATTER 2,8 7,8 7,4 7,0 1,4,3 7,6 8 1,11 1,6,1 1,6,1 1,6,1 1,6,1 MATTER 2,8 7,8 7,8 7,8 7,8 7,8 1,6,1 1,6,1 1,6,1 1,6,1 MATTER 2,8 7,8 7,8 7,8 7,8 7,8 7,8 1,6,1 1,6,1 1,6,1 1,6,1 MATTER 2,8 7,8 7,8 7,8 7,8 1,6,1 1,6,1 1,6,1 1,6,1 MATTER 2,8 7,8 7,8 7,8 7,8 7,8 1,6,1 1,6,1 1,6,1 1,6,1 1,6,1 MATTER 2,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 MATTER 2,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8 7,8	1. Energy Consumption 6 PD	MBTU	1.759.556	1.667.292 (- 5.21	_	1,971,261 (12.0)	
METUTO-PT 173 156 184, 892 1 6,41 194,207 1318 224,2286 12-21 288,074 FEOPLE 5,138 5,420 1-3,31 5,325 1-1,21 6,137 1-3,31 5,400 FEOPLE 2,138 2,420 2,232 1-1,21 6,137 1-3,31 5,400 FEOPLE 2,138 2,420 2,232 1-0,41 2,225 1-1,21 6,137 1-3,31 1-3,37 FEOPLE 2,242 2,242 2,243 1-3,41 2,225 1-1,21 6,41 2,96.2 METUCO-P 4/18 2,242 1-0,41 2,225 1-1,01 825,9 1-6,13 1-3,37 METUCO-P 4/18 2,242 1-0,41 2,225 1-1,01 825,9 1-6,13 1-3,01 METUCO-P 4/18 2,242 1,250 1,272 1,431 1,450 1,075 1,450 METUCO-P 4/18 2,242 1,270 1-6,21 1,270 1,461 1,01 825,9 1,60 1,075 METUCO-P 4/18 2,242 1,270 1-6,21 1,270 1,461 1,05 1,250 1,07,5 1,00 METUCO-P 4/18 2,242 1,270 1-6,21 1,270 1,461 1,05 1,250 1,07,5 1,00 METUCO-P 4/18 2,242 1,270 1-6,21 1,270 1,270 1,00 1,00 METUCO-P 4/18 2,242 1,270 1-6,21 1,270 1,270 1,00 1,00 METUCO-P 4/18 2,242 1,270 1-6,21 1,270 1,00 1,00 METUCO-P 4/18 2,240 1,270 1,270 1,260 1,070 1,00 METUCO-P 4/18 2,240 1,270 1,270 1,260 1,00 METUCO-P 4/18 2,20 1,270 1,270 1,260 1,00 METUCO-P 4/18 2,20 1,270 1,270 1,260 1,00 METUCO-P 4/18 2,20 1,270 1,270 1,270 1,00 METUCO-P 4/18 2,20 1,270 1,270 1,00 1,00 METUCO-P 4/18 2,20 1,270 1,270 1,00 1,00 METUCO-P 4/18 2,20 1,270 1,270 1,00 1,00 METUCO-P 4/18 2,20 1,00 1,00 1,00 METUCO-P 4/18 2,20 1,00 1,00 METUCO-P 4/18 2,20	2. Thermal En Corre & PO	MBTU	1.585.800	1,482,400 1-6,51		975 (-) 055,
FEOPLE 16.7 16.3 1.6 1.6 1.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	3 Electrical En Cons & PO	MBTU	173.756	184.892 (6.41	207 (11,	224,286 (29.1)	-
Figure S, 438	4. Readent Population & PD	FOPLE	163	415 (14.3)	1 3	408 (12.4)	1 28.7
PEOPLE Color Col	5. Non-Resident Population & PD	PEOPLE	5 538	18.8 -1 024.8		12.4 1 606.5	2,404 1- 4,21
NEOPLE 2,242 2,212 1 - 0,41 2,126 1 - 0,71 2,378 1 6,11 2,375,	6. Population Served** & PD	PEOPLE	4 001	5.865 (- 2.3)		6,317 (5,31	
MATUICAP 293.2 284.3 1 - 3.01 291.6 1 - 0.5 1 312.3 6.41 256.2 MATUICAP 784.8 1 445.5 1 - 6.81 776.8 i - 1.01 8828.9 1 5.61 743.5 MATUICAP 718.4 3 425.5 1 - 6.50 1 707.5 3 5.93.7 1 4.81 705.1 TOMS 195 1 25.6 1 25.0 1 25.0 1 207.5 1 650 1 107.5 1 650 KSFCAP 1 69 1 25.0 1 25.0 1 25.0 1 25.0 1 107.5 1 650 1 107.5 1 650 RSFCAP 1 69 1 0.0 3 1.2 1 1.1 1 1.1 3 81.5 1 1.0 3 82.6 1 107.5 1 1.60 RSFCAP 4 64,26 23.2 1 1.1 1 1.1 3 81.7 1 4.0 3 82.6 1 1.0 3 82.8 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0	7. Effect ve Population*** & PD	FOPLE	2.242		7	-	10.9 1 778,2
MATUNCAP 784,8	8 En Consumption/Pop Served & PD	MBTU/CAP	293.2	.3	9.	-	10.1 1.01
Maturicean 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1,18 1	9. En Consumption/Eff Pop & PO	MBTUCAP	784.8	-	1	- 6	
Total Control	10. Electric En Consumption/Resident Population	MBTUCAP	478.7	-	3	1 6	1 5 7 1 1 005
Mistrutton 218 6 147 9 (-32, 3) 117,7 (-46, 1) 115,9 (-37,8) 176,7 Kisstock 3,285 1,69 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61 1,61	11. Installed Air Cond Capacity & PO	TONS	795	-			
National State 1,18 1,11 3,811 0,71 3,846 1,12 1,62 1,11 1,41 1,41 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,141 1,1	12. Elec Energy/Ton of Air Cond 8 PD	MBTUTON	218.6	-	7.	6.	7
RSPICUP 1,69 1,71 1,41 1,72 1,81 1,60 1,51 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60 1,60	13. Assi Property Inversory (MR) & PO	¥S.	3.785	-	3,825 (1.1)	-	3,848 (1.7)
STUCKSF 464,876 436,235 1 - 6,21 452,041 1 - 2,81 517,256 11,31 460,401 14,21 458,403 19,41 385,538 187,056 14,21 458,403 19,41 385,538 185,538 185,538 185,538 185,538 194,41 385,538 185,538 185,538 194,41 385,538 185,538 185,538 194,41 385,538 185,538 194,41 385,538 185,538 194,41 385,538 185,538 194,41 385,538 185,538 194,41 385,538 194,41 385,538 185,538 194,41 385,538 185,538 194,41 194,41 185,538 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194,41 194	14. RPUERective Population	KSFICAP	1.69	71 1	1.72 (1.81	1	1.62 (- 4.1)
Stringst 418,970 387,860 1 - 7,41 401,268 1 - 4,21 458,403 1 9,41 385,538 Stringst 45,906 48,375 1 5,41 50,773 110,61 58,853 1 28,21 74,853 Stringst 45,906 48,375 1 5,41 50,773 110,61 58,853 1 28,21 74,853 Stringst 45,906 48,375 1 5,41 50,773 1 10,61 54,21 74,853 KSF 1,048 1,026 1,055 1,037 1,037 1,038 KSF 894 920 209 195 195 193 KSF 64,3 609 612 16 15 KSF 54,3 57,5 58 56 56 KSF 54,3 50,09 612 16 15 KSF 54,3 57,5 58 56 56 KSF 54,3 57,5 58 58 56 KSF 54,3 50,09 612 16 15 KSF 54,3 54,3 54,3 54,3 KSF 54,3 54,3 54,3 54,3 KSF 54,3 KSF 54,3 54,3 KSF 54	15. Energy Consumption/GSF & PD	BTUGSF	8	235 1-	-		
Fig. 10	16. Thermal En Consumption/GSF & PD	BTUGSF	418.970	-1 098	-1	-	538
KSF Not Available Spean role by Not Available Not Availa	17 Electrical En Consumption/GSF & PO	BTUGSF	906 57	17.5 1 5.48 87	(10,	58,853 (28,2)	-
KSF 7.0 7.0 67 5.4 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035 1.035	18. RPI by Casegory	KSF			***************************************		
1.056 1.055 1.037 1.056 1.055 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.037 1.03	Training	KSF	7.0	02	67	54	54
KSF \$54 \$75 \$80 \$26 KSF Nor Available Super entry-included Above BASE 209 \$26 195 KSF Nor Available Super entry-included Above 8 8 8 8 8 KSF 64.3 609 61.2 71.6 7 8 8 KSF 15.1 16.1 16.1 16.1 16.1 16.1 18.9 KSF 91 90 90 62 62 62 62 KSF 91 85 85 85 85 85 85 KSF Nor Available Maniform from Base Year "Population Served in the total Readem? Population Population Population ************************************	Meintenance & Production	KSF	1.048	1.056	1,055	1,037	1,028
KSF Not Aveilable Separaterh* Included Above BASE 711 722 195 KSF Not Aveilable Separaterh* Included Above 8 71 72 8 KSF 643 609 612 716 56 KSF 57 57 56 56 KSF 151 163 161 163 KSF 91 90 62 62 KSF 91 90 62 85 KSF 80 85 85 85 KSF Not Aveilable 85 85 85	Reserch, Development & Testing	KSF	554	572	580	526	569
KSF Not Aveilable Separatery Included Above BASE 711 722 KSF 643 609 612 716 KSF 57 57 56 75 KSF 151 163 161 161 161 KSF 91 90 90 62 62 KSF 91 90 90 62 62 KSF 91 85 85 85 85 KSF Not Aveilable BATC 85 85 85	Storage	KSF	894	920	209	195	193
KSF 643 8 8 8 8 8 8 8 8 8 8 8 8 7 609 612 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716 716	Other Covered Storage	KSF	Not Available Separately-Included Abo		711	722	.723
KSF 643 609 612 716 KSF 57 58 56 56 KSF 151 163 161 161 161 KSF 189 189 189 189 189 KSF 91 90 90 62 62 KSF NO Avetable BASE 85 85 KSF No Avetable BASE 85 85	Hospital & Medical	KSF	œ	80	8	8	8
KSSF S7 S8 S6 S6 KSSF 151 163 161 161 161 161 161 161 161 161 161 163 189 189 189 189 189 189 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62 62	Administration	KSF	٤٣9	609	612	716	715
KSF 151 161 161 161 KSF 189 189 189 189 KSF 91 90 62 62 KSF 81 85 85 85 KSF Non-Auralable 8 AKE 85 85 85 FOD & Parciant Deviation from Base Year ***Population Served is the total Resident ProJukton ****Eff Pop is Parciant 10 Non-Resident ************************************	Bechelor Housing	KSF	5.7	45	58	99	56
KSF 189 189 189 189 KSF 91 90 62 62 KSF 80 85 85 85 KSF Non-Auditables 85 85 85 KSF Non-Auditables 85 85 85	Community Facilities	KSF	151	163	161	161	156
KSF 91 90 62 RSF 80 85 85 RSF Nor Aveidable 85 85 RSF Nor Aveidable 85 85 RSF	Farnity Housing	KSK	189	189	189	189	189
R.SF Not Aveilable B.A.CE	Operational Buildings	¥S¥	16	C c	06	62	60
KGF Nor Available 8A°E	Untery Buildings	ASF.	80	58	85	85	88
**Population Served is the total Resident & Non-Resident Population	Other	¥34					64
			*PD is Percent Deviation from Bar		the total Resident & Non-Resident Popul	1 Peedent	1/3 Non-Resident

FY 76 ECIP - Condensate Recovery - \$2,537,036 - Completed September 1979

			1 -1-1-1	W	A		
	UNITS/FY	ĸ	20	n	22	ek	
1 Energy Consumution & PO	MBTU	524,328	483.287 (- 7.81	455,569 (-13,1)	442,761 (-15.6)	444,082 1-15	F
2. Thermel En Cone & PO	MBTU	419.463	381 797 1- 9.01	355.344 (-15.3)	332,071 (-20,81	328,621 (-22	-
3. Electrical En Cons & PO	MBTU	104 865	,	100.225 6.4.4	110.690 (5.6)	115,461 410	-
4. Resident Population & PD	PEOPLE	190	183 (- 3.71)	63 (-66.8)	63 1-66.81	190 (0	-
5. Non-Resident Population & PD	HOPLE	1 040	931 , 10.51	548 (-47.3)	552 (-46.91	1,592 (-53,1	1.
6. Population Served** & PO	PEOPLE	1,230	1.114 1 9.41	611 (-50.3 1	10.05-1 -50.01	1,782 (44.9	- 6
7. Effective Population*** & PD	PEOPLE	537	493 (- 8.21	246 (-54,2)	247 (-54.0)	721 (34.3	.3
8. En Consumption/Pop Served fo PD	MBTUCAP	426.3	433.8 (1.8)	145.6 174.91	119.9 1 68.91	248.2 (-41.8	- @
9. En Consumption/Eff Pop & PO	MBTU/CAP	976.4	980.3 (0.4)	1.851.9 (89,7)	1,792,6 (83,61	615.9 (-36.9	6
10. Electric En Consumption/Resident Population	MBTUCAP	551.9	554.6 1 0.51	1.590.9 (188.2)	1,756.9 (218,3)	607,7 (10.1	-
11. Installed Air CoJ Capacity & PO	TONS	551	556 1 0.91	589 (6.9)	1,383 (151	1,433 (160	-
12. Elec Energy/Ton of Air Cond & PO	MBTUTON	190.3	182.5 1- 4.11	170.2 (-10.6)	80.0 (-57.91	80,6 (-57,	1 /
13. Real Property Inventory (IPD) & PD	KSF	3.194	2.253 (-29.5)	3.162 (- 1.0)		3,266 (2	.2
14. RPVEMective Population	KSF/CAP	5.95	4.57 (-23.2)	12.85 (116,1)	12,77 (114,6)	4,53 (-23,8	ω -
15. Energy Consumption/GSF & PD	BTUKSF	164.160	214.508 (30.7)	١ ١	140,425 (-14,4)	135,971 (-17	-2
16. Thermal En Consumption/GSF & PO	#SD/D18	131,328	-	380	105,319 (-19,8)	100,619 (-23,3	-3
17. Electrical En Consumption/GSF & PO	BTUKGSF	32 832	-		35,106 (6.9)	35,352 (7	7
18. RPI by Category	#SH					***************************************	\bigotimes
Training	#SH						
Maintenance & Production	JSX	786	748	795	795	875	
Research, Development & Testing	KSF	2		ı	ľ	-	
Storage	KSF	2.056	1.173	993	993	1,016	
Other Covered Storage	KSF	Not Available Seperately-Included Above		1.040	1.040	1,040	
Hospital & Medical	KSF	30	30	19	19	19	
Administration	KSF	100	96	104	104	707	
Bechetor Housing	KSF	17	36	07	0.7	0.5	
Community Facilities	#S#	13	7.1	29		72	
Farmily Housing	#SM	<i>C</i> 9	62	62	62	62	
Operational Buildings	KSF	7	8	8	7	7	П
Unitry Buildings	#SF	27	96	29	2.6	29	
Other	KSF	Not Available BASE		5		5	
		*PD is Percent Deviation from Base Yes	•	Population Served is the total Resident & Non-Resident Population	tion ***Eff Pop is Resident + 1/3 Non-Resident	1/3 Non-Resident	
A				0.5			

CLIMATIC REGION 7_ HDD 2,588 CDD 2,314

MACOM DARCOM

U.S. Am. - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION PINE BLITE ARSENAL, AR

FY 76 ECIP - Condensate Return System - \$394,200 - Completed September 1977
FY 77 ECIP - Insulation and Attic Fans - \$139,000 - Completed (estimated) June 1978
FY 77 Family Housing ECIP Improvements - \$43,400 - Completed (estimated) October 1978 ≽ lo lo

U.S. ACMY - ANALTSIS OF ENERGY CONSOMPTION - INSTALLATION	100000	ALION - INSTALLATION	RADEGED AAP, VA	- MACOM DAKING	CLIMATIC REGION		ď
		-	-	1 1		1 1	1
	UNITS/FY	ĸ	2	п	R	æ	
1. Energy Consumption 6 PD	MBTU	5.206.719	3 594 565 1-31.01	3-329.362 (-36.1	4.021.751 (-22.8	3,882,764	(-25,4
2. Thermal En Cons & PD	MBTU	4 908 100	_	800	3.775.725 (-23.1	3 627 900	1-26.1
3. Electrical En Cons & PD	MBTU	298 619	276.115 (- 7.51	254.562 1-14.8	246,036	254,864	1-14.6
4. Resident Population 6 PD	PEOPLE	7.3	15'5 - 1 69	5° L -1 - 22	58 1-20.5	59	1-19.2
6. Non-Resident Populesion B PD	PEOPLE	760 7	05-	8.16-1	2.828 (-30.9	2.673	1-34.7
8. Population Served** & PD	PEOPLE	791.7		2.863 (-31.3	2.886 1-30.7	2.732	1-34.4
7. Effective Population*** & PD	PEOPLE	1 438	883 (-38-6)	1.002 (-30.3	1	056	(-33.9
8. En Consumption/Pop Served & PD	MBTUCAP	1.249.5	1.431.0 (14.5)	1,162.9 (- 6.9	1,393.5 (11,5)	1.421.2	(13.7
9. En ConsumptionEff Pop & PO	MBTUCAP	3.620.8	-	3.322.7 1-8.2	0,11,7,7,111,0	4,087,1	112.9
10. Electric En Consumption/Resident Population	MBTU/CAP	7 080 7	_'	3.535.6 1-13.6	4,242.0 1 3.7	4,319,7	1 5,6
11. Inecated Air Cond Capacity & PD	TONS	1 260	1 501 1 19.11		1.501 (19.1	1.501	(19,1
12 Elec Energy/Ton of Air Cond B PD	MBTUTON	237.0	183.9 1-22.41	9	6	169.8	1-28.4
13. Real Property Inventory (RPR & PD	KSF	3.453	17.0 -1 044.8	2,716 (-21.3	1 2,765 (-19,9	3,741	6.8
14. RPVEHective Population	KSF/CAP	2.40	3.90 (62.2)	2.71 ' 12.9	2,76 (15.0	3.94	1.64.0
15. Energy Consumption/GSF & PO	8TU/GSF	1.507.883	1.044.932 1-30.71	1.225.833 (-18.7	1,454,525 1-3,5	1,037,894	(-31.2
18. Thermal En Consumption/GSF & PO	BTUGSF	1.421.402	11.25-1 999.496	7'02-1 901'781'1	1,365,543 1-3.91	1 969, 767	(-31.8
17. Electrical En Consumption/GSF fo PO	BTU/GSF	86.481			1 88.982 1 2.9	68,127	(-21,2
18. RPI by Category	KSF					$\stackrel{\circ}{\sim}$	
Training	KSF			_		-	
Maintenance & Production	KSF	1 879	1.868	1.229	1.233	155	
Research, Development & Testing	KSF		-	4		-	
Storage	KSF	882	871	481	481	785	
Other Covered Storage	KSF	Not Available Separately Included Above	ne BASE	371	605	757	
Hospital & Medical	KSF	6	6	6	6	6	
Administration	KSF	319	364	302	302	7.00	
Bachelor Housing	KSF	17	ı			-	
Community Fecilities	KSF	70	82	65	65	7.5	
Family Housing	KSF	\$0	05	5.0	50	25	
Operational Buildings	KSF		23	18	18	1.843	
Utility Buildings	KSF	222	177	191	198	142	
Other	KSF	Not Available BASE				143	

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION RAVENNA AAP, OF	ERGY CONSUM	APTION - II	NSTALLATION_	RAVENNA AAP	H	MACOM_DA	RCOT	CLIMATIC REGIO	DOH TO NO	MACOM DARCOLL CLIMATIC REGION 2 HDD 1262 CDD 577	. 1
			1 1	1 - 1	1 - 1	11	, T	- 1 1	1 - 1 -	1 . 1	
	UNITSFY		ĸ	2		п		2		R	l .
Energy Consumption & PD	Meto	127.	932	106,003	1-17.11	95,121	1-25.61	92,734	1-27.51	360.68	- '
Thermal En Corte & PO	MBTU	8	81.877	62.542	1-23.61	57.073	(-30.3)	54,714	(-33.21	50.786	-
Electrical En Cons & PO	MBTU	77	055	43.461	1- 5.61	38.048	(-17.4)	38.020	1-17.41	38,312	-
Resident Population & PD	PEOPLE		19	79	18.6	70	1 14.8 1	7.1	1 16.41	99	-
Von-Resident Population & PD	PEOPLE		290	250	1-13.81	251	(-13.4)	227	(-21.7)	228	-
											ŀ

CLIMATIC REGION 2 HDD 5.262 CDD 577

RECONE RECONE METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP	290 311 181 184.5 809.7 755 4.340 4.340 29.472 18.866	250 (-13.8) 117 (-9.21) 120 (-5.11) 134,4 (-8.31) 206.7 (-12.72) 648.7 (-14.0) 	2 2 3	8 2 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	228 294 294 140 303.1 527.5 580.5
REGINE RE	151 158 164.5 809.7 155 155 4.340 4.340 22.477 18.866	7 (-1)		2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	294 145 303.1 627.5 580.5
METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP METUCAP KSF KSFCAP KSFCAP KSFCAP	158 364.5 809.7 755 755 4.340 4.340 729.477 18.866	7 (-1)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	142 303.1 627.5 580.5
MATUCAP MATUCAP MATURAP	364.5 899.7 755 755 4.340 4.340 29.477 18.866	7 (-1)	25	284	303.1 627.5 580.5
MATUCAP MATUCAP TONS MATUTON KSF KSFCAP RSFCAP RTUGSF	4.340 4.340 29.477 18.866	7 (-1)	25	8 5	580,5
MBTUTCAP TONS MBTUTCAP KSF KSF KSFCAP	755 4.340 29.477 18.866	7 1-16	2	78	\$80.5
TOMS MRTUTOM KSF KSFICAP BTUKGSF	4,340 22,47 18,865	79 (-1)		78	
MBTUTON KSF KSFCAP ETUGSF	4.340 27.47 29.477 18.866	79 (-1)	- 25	78	
KSFCAP BTUGSF	4,340 27,47 29,477 18,866	79 -1	55 - 5	78	
KSFICAP	27.47 29.477 18.866	79 1	35 (78	4,527
BTUKSF	29,477 18,866				31,88 (
	18,866			ĺ	19,681
BTUGSF		10	l	12,067 1-36,01	11,218
BTUKGSF		10.055		8,386	8,463
1				***************************************	∞
KSF			ş		
KSF	1.636	1.631	1.573	1.572	1.577
KSF	9	9-	9	9	9
KSF	2.366	2,354	1,412	1,412	1,412
KSF Not Av	Not Available Separately-Included Above		1,193	1.180	1,177
KSF	16	14	14	14	14
KSF	95	95	135	134	134
KSF	17	17	17[17	17
KSF	19		29	(9	63
KSF	٤٦	38	37	37	37
KSF	3.6	37	37	37	32
KSF		59	60	58	58
	Not Available BASE				•

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U.S. ATTY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION RED RIVER ARIX, DEPOT.	GY CONSUM!	PTION - INSTALLATION RED	RIVER ARMY DEPOT. IX	MACOM DAKCOM	CLIMATIC REGION	
			1 - 1 - 1	•	 	
	. and Color	*	R	r	£	R
		1 00 000	1 090 837	984,130 (-10.8)	1,003,789 1-9.01	
1. Energy Consumption & PO	NB 10	1,102,039	11.6 1 650 697	531,431 (23.6)		_
2. Thermal En Cone & PO	MISTO	430,100	19 2 1 1 2 1 1 1	452 699 (-32.71	141,780 (-29.9)	477,711 (-29
3. Electrical En Cons & PD	MBTO	0/2/31	7	409 (40,1)	11.11	291 (- 0.3)
4. Resident Population & PO	FO LE	292		2 66/ 1 6 3 1	5.589 (1.3)	19.0 1 0.51
5. Non-Resident Proutetion & PD	PEOPLE	5,516		. .	-	5.841 (0.6)
Provincian Served * & FO	PEOPLE	5,808	-	-		151
G 4	PEOPLE	2.131	2,324 (9.1)	2,364 (10,91	-	
Common of the last	MOTI UCAD	180 9	177.6 (- 6.5)	_	-	١
E. En Consumption/Pop Served & P.		517.5	18.6 - 1 - 6.31	416.3 (-19.6)	476.9 (- /.9)	1
9. En Consumption/Eff Pop & TO	Mar of the	27,15	-	1 106.8 (-52.0)	1,949.5 (-15.4)	۔
10. Electric En Consumption/Nesident Population	201	2,303.9		l	17.9 1 68. 2	2,837 (26,3)
11. Installed Air Cond Capacity & PO	TONS	2,246	-	,	5	168.4 143.81
12. Bac Engray/Con of Air Cond & PD	MBTUTON	299.5	89		-	l
13 Read Property Inventory (NPB & PO	KSF	6.436	6.497 (0.91	- 1	٠١.	, ,
	KSECAP	3 00	2.80 (- 7.4)	3.01 (- 0.2)	.39 1 16	
14. National Contraction (Contraction (Contr	RTLUGSF	171 255	167,898 (- 2,0)	138,124 (-19.4)	140,863 1-17.87	-
In the state of th	3000	000	196	74,587 (11.6)	-	
16. Thermal in Condumphiness in 10	200	270.00	-	63.537 (-39.2)	-	66,294 (-36.6)
17. Electrical En Consumption/GSF & PO	2000					$\overset{\sim}{\sim}$
18. API by Category	ž.		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	30	38	6.3
Training	à	40	4.0		181	1.196
Maintenants & Production	¥S¥	1.149	1,160		19101	
Research. Development & Testing	KSF				355	1 748
Secret	KS#	4.103	4.111	1.776	11/7	2 030
Other Council Starson	KSF	Not Available Separately-Included Above	BASE	2.891	7,891	2000
	25	7	9	- 9	9	
Toughta o measure	į	328	376	245	245	250
Administra	2	977	13	12	12	12
Bechelor Housing	2		50	96	76	105
Community Facilities	2	5	120	2117	117	110
Family Housing	ESE SE	78	18	503	692	708
Operational Buildings	KSF	685	583	020	7.7	7.0
Uriting Buildings	KSF	3.2	90	2	3/	α
) appe	KSt	Not Available BASE	7	22		
			to a design Change in	the natural Considers to Man Damidson Print	THE PARTY HAVE BELLEVILLE TO THE PARTY AND T	1/3 Non-Happen

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUN	1	REDSTONE ARSENAL ALA.	MACOM DARCOM	CLIMATIC REGION 4 HDD 5 502 CDD 13-716	3 302 con 1 A18
		1. 1 1 1	1 1 1	1 1 1	1 1 1	
	UNITS/FY	ĸ	92	п	£	æ
1. Energy Consumption & PO	MBTU	5,478,603	5,178,920 (- 5.5)	1 7.0 1 689 867 5	5,106,128 1- 6.81	4,884,814 (-11)
2. Thermal En Cons & PO	MBTU	2,410,586	2.175.147 (- 9.8)	2,364,437 (- 1,9)	2,144,574 (-11.0)	2,002,774 (-17)
3. Electrical En Cons & PD	MBTC	3.068.017	3.003.773 (- 2.1)	3,134,252 (2.2)	2,961,554 1- 3.51	2,882,040 (- 6.1)
4. Resident Population & PO	PEOPLE	6.157	18.4 - 1 5.8.2	6,379 1 3,61	6,355 (3,2)	6,085 (- 1.2)
5. Non-Resident Population & PO	PEOPLE	17, 718	18.651 (5.31	18,837 (6,3)	18,835 4 6,34	17,973 (1.4)
6 Population Served** & PD	PEOPLE	23.875	24,519 (2.7)	25.216 (5.6)	25,190 (5.5)	24,05A (0.9)
7. Effective Population*** & PD	PEOPLE	12 063		12,658 (4,9)	12,633 (4.7)	12,075 (0.1)
8 En Consumption/Pap Served fo PD	MBTUCAP		211.3 (- 7.9)	218,1 1- 5,0 1	202.7 (-11.7)	293.0 (-11.5
9. En Consumption/Eff Pop & PO	MBTUCAP	454.2	19.8 1 - 5.61	434,4 1- 4,41	404.2 (-11.0)	404.5 1 -10.9
10. Electric En Consumption/Resident Population	MBTU/CAP	498.3	512.1 (2.8)	491,3 1- 1,4 1	15.9 -1 0.997	473.6 (- 5.0)
11. Installed Air Cond Capacity & PO	TONS	19.189	16,0 - 1 551,91	21,026 (9,6)	21,526 (12.2)	24,130 (25.7)
12. Elec Energy/Ton of Air Cond & PO	MBTUTON	159.9	18.1 - 1 0.721	149'1 (- 6'1)	137.6 (-13.9)	119.4 (-25.3)
13. Real Property Inventory (RPI) & PD	KSF	9.090	18.0 1 591.6	9.284 (2.1)	10.4 1 9.456	9,538 (4.9
14. RPVEMective Population	KSF/CAP	1.57	12.0 197.	.731-2.71	.75 (- 0.71	.791 4.81
15. Energy Consumption/GSF & PD	BTU/GSF	602.707	12.6 1 6.21	592,276 (- 1.7)	539,988 (-10.4)	512,142 (-15.0
16. Thermal En Consumption/GSF & PO	8TU/GSF	265,191	237,332 (-10,5)	254,679 1- 3,91	226,795 1-14.51	209,978 1 -20.81
17. Electrical En Consumption/GSF & PD	BTU/GSF	337.516	_		313,193 (- 7.2)	302,164 1 -10.5
18. API by Caragory	KSF					
Transing.	KSF	599	588	675	675	67.5
Maintenance & Production	KSF	532	568	571	563	567
Research, Development & Testing	KSF	1.232	1.227	1,217	1,237	1,255
Storage	KSF	2.653	2.674	813	813	816
Other Covered Storage	KSF	Not Available Separately Included Above		1.807	1,807	1,857
Hospital & Medical	KSF	78	0.6	108	228	223
Administration	KSF	1.312	1.319	1,342	1,353	1,358
Bachelor Housing	KSF	586	586	586	586	57.9
Community Facilities	KSF	389	355	4 02	957	459
Family Housing	KSF	1.496	1.520	1.520	1,520	1,520
Operational Buildings	KSF	120	120	126	126	126
Unitry Buildings	KSF	93	106	1.05	92	92
Other	KSF	Not Available BASE	12	12	ľ	11

FY 77 Family Housing ECIP Improvements - \$31,096 - Completed (estimated) October 1978

U.S. Arm - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	GY CONSUL	APTION - INSTALLATION E	LVERBANK AAP CA	MACOM DARCOM	CLIMATIC REGION 4 HOU 2./6/ COU L.SES	39517 nnn 74717
			1 1 1		1 -1 -1 -1	
	UNITS/FY	\$2	92	ш	æ	ድ
1 Energy Consumption & PO	MBTU	334,314	92,669 (-72.3)	25,596 1-92,31	58,570 (-82,5)	127,221 1 -62
2 Thermat En Cons & PO	MBTU	96,952		256 (-99.71	`	38,167 /61
3. Electrical En Cons & PO	MBTU	237,362	82,475 (-65.3)	25,340 (-89,31	45,098 (-81,0)	89-01 750-68
4. Resident Population & PD	PEOPLE	0	0 1 0	(0) 0		0 1 0
5 Non-Readent Population B PD	PEOPLE	550	373 1-32,21	128 (-76.7)	163 (-70.4)	294 1 -46.
8 Population Served** 6 PD	PEOPLE	550	373 1-32,21		163 (-70,41	294 1 -46.
7. Effective Population*** & PD	PEOPLE	183	124 (-32.2)	43 (-76,7)	54 (-70.4)	-
8. En Consumption/Pap Served & PD	MBTU/CAP	607.8	248.4 1-59.11	199.9 (-67.1)	359.3 (-40.9)	432.7 (-28.
9 En Coneumption/EN Pap & PD	MBTU/CAP	1,826.9	747.3 (-59.1)	595.3 1-67.4 1	1,084.6 1-40.61	1,298.2 1 -28.
0. Electric En Comaumption/Remident Population	MBTUCAP		1 -	-	-	
1 Installed Air Cond Capacity & PO	TONS	29		58 (100.0)	56 (93.1)	82 1 182.
2. Elec Energy/Ton of Air Cond & PO	MBTUTON	8,184,9	-	436.9 (-94.7)	805.3 (-90.2)	1,086 (-86.
3. Real Property Inventory (RPI) & PD	KSF	793	793 (0)		197 1 0.51	-
4 RPVEMective Population	KSF/CAP	4.33	6,401 47.61	5.741 32.61	14.76 (2.41	7.021 62
Energy Consumption/GSF & PD	BTU/GSF	421,581	116,859 (-72.21	103,627 (-75,4)	73,488 1-82.61	184,914 (-56.
6. Thermel En Consumption/GSF fs PD	BTU/GSF	122,260	12,855 (-89.5)	1,036 (-99,1)	16,903 (-86.2)	55,475 (-54.
7 Electrical En Consumption/GSF & PD	BTU/GSF	299,321	104,004 (-65,3)	102.591 (-65.7)	56,585 (-81.1)	129,439 1 -56
8. RPI by Category	KSF					
Transing	KSF					
Maintenance & Production	KSF	599	599	53	€03	505
Research, Development & Testing	KSF	,	1	t		1
Storage	KSF	75	54	1	,	
Other Covered Storage	KSF	Not Available Separately-included Above	BASE	55	55	55
Hospital & Medical	KSF	T	11	11	11	11
Administration	KSF	.12	12	12	12	13
Bachelor Housing	KSF			_	t	
Community facilities	KSF		13	13	13	
Farnity Mousing	KSF		_			
Operational Buildings	KSF	2	2	1	1	
Unitry Buildings	KSF	102	102	1 02	102	14
Other	KSF	Not Available BASE				90

DEMARK

CLIMATIC REGION 2 HDD 5.961 CDD 1.007	
MACOM DARCOM	
U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTAILATION ROCK ISLAND ARSENAL, ILL.	

		1 1 1 1	1 1 1 1 1 1				-
	UNITSJFY	爬	2	п	1	æ	-
1. Energy Consumption & PD	MBTU	1.363.693	1.340.250 (- 1.7)	1.320,307 (- 3.2.)	1.368.989 1 0.41	1,419,473 (= 7
	MBTU	971.300	936.825 (- 3.5)	972.725 1 0.1 1	967,525 (- 0.41	996,525	9
3. Electrical fin Come & PO	MBTU	392, 393	403.425 (2.81	347.582 (-11.4)	-	1 875 751	Ξō.
٥	PEOPLE	23.9	233 1 2 51			240 (4
5. Nov-Residens Population & FO	PEOPLE	7.276	8 155 (4.9)	6-974 1-10.3 1	7,107 '-8.6'	1 808 3	6.8
6. Population Served** 6 PD	PEOPLE	8.015	8.388 (4.7)	7.209 (-10.1)	7.336 1-8.51	875.8	9.9
7 Effective Population*** & PD	PEOPLE	2,831	2,951 1 4,21	2.560 (- 9.6)	2.598 (-8.2)	-	6.3
8. En Consumption/Pop Served & PD	MBTUCAP	170.1	159.8 (- 6.1)	183.1 (7.6)	186.6 1 9.71	166.1 (-	2.41
9. En Consumption/Eff Pop & PO	MBTUCAP	481.7	454.2 (- 5.7)	515.7 (7.1)	526.9 (9.41	471.7 1 -	2.13
10. Electric En Consumption/Resident Population	MBTUCAP	1.641.8	1.731.4 1 5.51	1 6 6 -1 1 6 6 7	1,753,1 (6,8)	1,762.3	5.7
11. Installed Air Cond Capacity & PD	TONS	2.159	1.940 1-10.11	3,228 1 49.51	3.258 1 50.91	3.273 1 5	9.1
12. Elec Energy/Ton of At Cand 9 PD	MBTUTON	181.7	207.9 (14.4)	107.7 (-40.7)	123.2 (-32.21	129.2 (-2	ð, æ
13. Real Property Inventory (RPN B PO	KSF	6.174	6.272 1 1.61	6.246 (1.21	6.222 (0.8)	- 1 676.5	3.6
14. RPVEffective Population	KSFICAP	2.18	2.13! - 2.5!	2.44(11.9)	2,391 9,81	1.981 -	6
	BTUGSF	220.877	213.688 (- 3.3)	211,384 (- 4,3)	220,024 (- 0,41	238,607 (8.0
18. Thermat for Consumption(GSF & PD	STUKESF	157.321	149,366 1 - 5,11	155,736 4- 1.01	155,501 (- 1,2)	167,511	6.9
eumpsion/GSF & PD	BTUNGSF	63.556	64 322 1.21	7	64.523 (1.51	1 960 17	ð
18. APT by Category	ksr		***************************************				
Training	KSF	68	.127	145	133	128	
	KSF	2.184	2.162	2,126	2.183	2.177	
Research, Dev Hopment & Tessing	KSF	266	264		247	13	
Serage	KSF	2.023	1.993	7	7	œ	
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	1.957	1.912	1,710	
Hospital & Medical	KSF	_ b	6	6	6	10	Γ
Administration	KSF	1.111	1,177	1.203	1.212	1.148	Γ
Bachelor Housing	KSF	`{_`}		9	9	9	
Community Facilities	KSF	235	218	219	204	234	
Farmity Houseng	KSF	178 [178	178	178	178	
a de	KSF		2.5	31	1	215	
Utility Buildings	KSF		76	76	100	100	
Other	KSF	Not Available BASE	- 24	7.0			
		"PT) a Percent Designing from Ress Year		e total Resistent fr Non-Besident Proude	+ Parishing in Benishmen +	10 blood Barriage	Ì

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION	SY CONSUM	MPTION - INSTALLATION	ROCKY MOUNTAIN ARSENAL, CMACOM	CIMACOM DARCOTT	CLIMATIC REGION 2 HDD	HDD 6,016 CDD 625
		1 - 1 - 1 - 1	1 - 1 - 1			
	UNITSIFY	æ	æ	ш	R	£
1. Energy Consumption & PO	MBTU	480 028	675,850 (40,8)	415,296 (-13,5)	318,363 (-33,7)	1 (5-) 12, 100
2. Thermal fin Cons & PO	MBTU	254 415	7.8	107	232,475 (- 8,7)	122,349 1-52
3. Electrical En Cone & PO	MeTU	225 613	15	189	85.958 (-61.9)	65.022 '-62'
4. Readont Population & PO	PEOPLE	110	19 6 1 711	1 6.85-1 95	47 (-57.3)	19 (-82.7
5 Non-Resident Population 8 PD	PEOPLE	758	150-1 756	13.6 1 2.6 1	541 1-28.61	404 1 -46,71
8. Population Served** & PD	PEOPLE	848	100 1 028	817 (259)	-	423 (-51.3)
٩	PEOPLE		180 , 345	-10	15.22	154 1 -57.61
8. En Consumption/Pap Served & PD	METUICAP		7768 14051	508.3 (- 5.1.1	547.4 (- 2.1)	440.2 1-11.4
9. En Consumption/Eff Pop & PO	MBTUICAP	-	1968 1 9781	1.277.8 1.3.4 1	1-402.5 (4.1)	1.346.6 (1.8'
10. Electric En Consumption/Resident Population	MBTUICAP	,	2, KOR 5 1 27 21	2,470.7 (20.5)	1.828.9 (-10.91	-C 011 1 1 7 7 7
11. Installed Air Cond Capacity & PD	TONS		-,	1 0 1 68	12.58-1 59	1001-1
12. Elec Energy/Ton of Air Cond & PD	METUTON	,		2.193.1 (-13.5)	1.456.9 1-42.51	
	KSF		1.874 (0.5)	1.877 0.6	1.877 1 0.61	1.729 1-7.31
14. MPLEMective Population	KSFICAP		5 12 (= 0.3)	5.79 (12.4)	8.27 (60.91	11,231,118.5
	8TU/GSF	257 388	360.646 ' 40.1'	221.255 1-14.01	169,613 (-34,1)	119,037 1 -53.43
18. Thermal En Con Jumption/GSF & PD	8TU/GSF	136	201,962 4 48.01	117.265 '-14.9'	123,817 (- 9,21)	10,763 1 -48.11
17 Electrical En Comamption/GSF B PD	BTUGSF		158 684 131 21	103 990 (-14.0)	45.796 (-62.11)	49.174 1-59.41
18. RPT by Category	KSF			XX		
Transing	KSF		8.0	80	80	58
Maintenance & Production	KSF		- 685	686	589	541
Assert, Development & Testing	KSF					-
Storage	KSF	773	773	16	16	30
Other Covered Storage	KSF	Not Available Separately included Above		744	744	726
Hospital & Medical	KSF	18	18	18	1.8	18
Administration	KSF		78	- 66	66	78
Bacheter Housing	KSF		67	67	67	69
Community Facilities	KSF	59	59	60	Ď9	09
Family Housing	KSF		я	3.5	25	
Operational Buildings	KSF		77	- 4	7	108
Unitry Buildings	KSF	78	98 -	8.6	86	
Other	KSF	Not Aveiable				13

S Acres ANALYSIS OF ENERGY (SY CONSUM	CONSUMPTION - INSTALLATION SENECA ARMY DEPOT	ECA ARMY DEPOT, NY	MACOM DAPCOM	CLIMATIC REGION 2 HOD 135	500 CD 052 1	
		- -		-	№	- -	-
	MITSURY	\ *	, p		R	R	Γ
•		Į;		350 700 117 3 1	31, 7,63	- 1 52% 656	1
OL D LEADING AND A LO		305.///	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -		230	1 55 01 2	- - - -
Course for Cours for PO	Meto	180,409	7-1 064	218 Kh2 1 21.3 L			
. Personal for Core to PO	MBTU	125,359	125,745 (0,31)	139,928 (11,6 1	141.509 (12.91)	145,85 +:	-
OF Grand Parkers I To	PEOPLE.	۲۱,	18.1 - 1 669	801 (12.5)	852 (19,71)	923 (2	1,0
V Non-Assessed Population B PD	PEOPLE	897	1.000 (11.5)	1 5.6 -1 0.8	1935 (- 6,91)	634 (-	č
. Annual Service 10 70	PEOPLE	1 609	1969 (5,61	1.641 (2.0)	15.5 1 700.I	1,757	ر ن
	PEOPLE	1 011	1.032 (2.33)	1.081 1.5.91	1,139 (11,8)	1,201 1	ī.
1 to Commission for Several for PD	MBTUCAP	0.061	164 5 1-13.51	218.6 (15.0)	186.4 1- 1.9.	172.9 (-	9.0
to Commonwell Pro fe PO	MBTUICAP	302.4	ı «	331.9 (9.7)	278.3 (- 8.0)	253.0 (-1	5.3
10 faces for Commonsor/Panders Population	MBTUICAP	176.1	ľ	174.7 (- 0.8)	166.1 1-5.71	158.0 1-1	ر ج
11 manufact As Cond Consciev & PO	TONS	456	470 (3.11	470 (3.1)	1 0 1 957	7 955	- 0
. 2 the Enemaritor of Aer Cond & PD	MBTUTON	9 776	267.5 1-2.71	297.7 (8.3)	310.3 (12.9)	319.9 (1	16.31
Of 8 (PR) yourself you have	KSF	026-7	4.439 (-10.7)	4,472 (-10,0)	4,458 (-10.3)	4,486 1 -	
14 MVE Hearn President	KSF/CAP	26 7	4.30 (-12.5)	4.14 (-15.8)	3.95 1-19.71	3.741 -24.	4.0
15 Engay Consumption/GSF & PD	BTU/GSF	61.525	62,950 (2,3)	80,230 (30,4)	10,539 (14,71	67,737 t 1	î.
16 Thermal En Consumption/GSF B PD	BTUGSF		34.623 (-4.6)	48,941 (34,8)	38,797 1 6.91	35,223 1 -	3.0
17 Electrical En Consumption/GSF & PD	BTU/GSF	25 225	28.327 (12.3)	31,289 (24,0)	31,742 1 25,81	32,514 (2	6.3
18 MPI by Catagory	KSF					∞	
Transmit	KSF	00	8	. 15	16	16	
Memenence & Production	KSF	208	208	208	2.08	208	
Research, Development & Testing	KSF			3	-	3	
Storage	KSF	3-637	3.610	1.136	1,112	1,132	
Other Covered Storage	KSF	Not Available Separately-Included Above		2.510	2.511	2,510	-
Nospital & Medical	¥S¥	80	8	8	18	11	
Administration	#SF	75	74	78	7.8	78	-
Rechelor Houseau	KSF	76	76	76	76	76	
Community Facilities	KSF	120	120	131	133	134	
Farmity Housing	KSF	221	221	221	221	231	
Operational Buildings	KSF	67	41	41	4.1	٥٦	
Unitry Buildings	KSŧ	557	9.6	26	2.5	26	
Other	KSF	Not Available BASE	29		T	7	٦

Pt 77 ECIP - Insulation and Controls - \$421,000 - Completed (estimated) June 1978

FY 77 Family Housing ECIF Improvements - \$18,500 - Completed (estimated) October 1978

. CLIMATIC REGION 4 HDD 2,843 CDD 1,159
MACOM DARCON
SACRAMENTO APIN DEPOT CA
U.S. ATTY - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION

		-	-	-	-	
	UNITSPY	۴	2	1	\$	R
		1				
1. Energy Consumption & PD	MBTU	392, 325	343,693 (-12.41)	365 290 1- 6.9 1	363,855 1-7.31	374,373 1 = 3.31
2. Thermal En Cone 6 PO	MBTU	141.237	106.545 (-24.61]	124,199 (-12,11	120,073 (-15,01	-
3 Electrical En Cone fe PD	MBTU	251 088	237.148 (- 5.6)	241,091 (- 4.0)	243,782 1- 2.91	231,539 1 - 7.81
4. Resident Population & PD	PEOPLE	7.6	30 (11.1)	32 (18.5)	33 (22.21	28 (3.7)
5 Non-Readent Population & PD	PEOPLE	2 01%	168-1 3690		12.1-1 979.2	2,819 (-3.3)
8 Population Served** & PD	PEOPLE	7 96.1	-	2.520 (-14.3)	2,912 (- 1,0)	2,847 (- 3.21
7 Effective Population*** & PD	PEOPLE	860	, ,	861 (-13.7.1	15'0 -1 866	10.6 - 1 3.01
8. En Consumption/Pap Served & PD	MBTUICAP	7 8 8 1	127.0 (- 4.81	145.0 1 8.7 1	124,9 1- 6.31	133.3 (0.0)
	MBTUICAP	101	8 - 5	1 6.7 1 6.7.9 1	365.4 1- 5.81	392.1 (- 0.3)
art Population	MBTU/CAP	9 666 6	7.904.9 1.15.01	7.534.1 (-19.01	7,387 (-20,6)	8,260.3 (-11.1)
	TONS		628 (2.6)	62R 1 2.51	628 (2,61	1,010 (65.0)
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	410 3	377.6 1 - 8.01	383.9 1- 6.41	388.7 (- 5,41)	229.2 (-44.1)
_	KSF	7.8.6	2 838 (0.51	2,838 (0,51	15.0 1 9.8.5	2,839 (0,51
	KSFICAP	2.83	3.08 (8.8)	3,301,16,51	2,86 (1,0)	2.93(3.61
F870	Brugsf	138 975	-12	128,714 1- 7.41	128,163 (- 7,7)	133,700 (- 3.81
٤	BTU/GSF	50.013	542	43,763 1-12,51	42,294 (-15,41	52,143 (4.3)
	BTUGSF	88 913	-	84.951 1-4.51	85,869 1-3,41	81,557 (- 8.3)
	KSF					
	KSF	89	89	68	89	99
Maintenance & Production	KSF	786	284	302	3.02	302
Research, Development & Testing	KSF	1	1		î	4
Storage	KSF	2, 123	2,134	-		,
Other Covered Storage	KSF	Not Available Separately Included Above		1.847	2,102	2,102
Hospital & Medical	KSF	2	17	7	7	7
Administration	KSF	781	184	185	191	191
Bechelor Housing	KSF	95	62	39	39	39
Community Facilities	KSF	95	95	317	75	55
Farmity Housing	KSF	61	61	19	19	19
dinge	KSF	38	38	37	38	37
Unitry Buildings	KSF	9	Œ	16	1.6	16
	KSF	Not Available BASE			•	1
			4 17 10 10 10 10 10 10 10 10 10 10 10 10 10	Desired Company of the Company of th		O the Beardon

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	UNITS/FY	ĸ	٤	4	R	Ŗ
Energy Consumption 6 PD	MBTU	262 429	231,453 (-11,81)	284 270 1 8,3 1	276,745 1 5,51	240,751 (- 8.3
Thermat En Cons & PO	MBTU		113,412 (-20,0)	144,942 1 2.3 1	157,745 (11.3)	125,491 (-12)
Electrical En Cone (9-PD)	MBTU	120,717	118.041 (- 2.2)	139,258 15,4	119,000 1- 1.41	115,560 1 - 4.31
Resident Population & PD	FOPLE	71.9	1.76 1 9.11	16,1 16,31	650 (2.51	12.8 1 689
Non-Resident Population 6 PD	PEOPLE	556	516 (-7.21	323 (-41.9)	336 1-39,61	330 1 -40.61
Postetion Served 16 PO	PEOPLE	061.1	1 092 ' - 8.21	984 1-17.31	986 (-17,1)	1,019 (-14.4)
Effective Population*** & PD	PEOPLE	819	748 (- 8.7)	769 (- 6.1)	762 1-7.01	799 (- 2.41
En Consumption/Pap Served & PD	MBTUCAP	220.5	ا د	288.8 (31.0)	280.7 (27.31	236.3 (7.1)
En Consumption/Eff Pop & PD	MBTUICAP	320.4	300.4 (- 3.4)	369.6 (15.3)	363.2 (13.3)	301.3 (- 6.0)
Electric En Consumption/Manageme Population	MBTUCAP	7 061	204.9 1 7.61	210.7 + 10.6 1	183,1 (- 3,8)	167.7 (-11.9)
Installed Air Co. J Capacity & PO	TONS	754	798 1 5.81	1,271 68,61	1,271 (68.6)	1,271 (58.6)
Elec EngraviTon of Air Cond & PO	MBTUTON	160.1	147.9 1-7.61	109.6 (-31.6)	93.6 1.41.51	90.9 1 -43.21
Real Property in censory (IMP) is PD	KSF	2 698	2.773 1 2.81	2,772 (2,71	2,755 (2,1)	3,161 (17.2)
RPVEMENT Posterion	KSF/CAP	3.29	3.71 (12.5)	3.601 9.41	3.62 (9.81	3.96(20.1)
Energy Communication/GSF & PD	BTUGSF	97.268	83,467 (-14,2)	102,525 (5.4)	100,452 (3.3)	76,163 (-21.7)
Thermal En Consumption/GSF B PD	BTUGSF	52.525	40.899 1-22.13	52,288 1- 0.51	57,258 (9,0)	39,605 1 -24.64
Electrical En Consumption/GSF to PO	BTU/GSF	74.743	42,568 1 4,91	50,237 (12,3)	43,194 1 - 3,51	36,558 (-18.3)
. API by Category	KSF					
Training	KSF	1				
Maintenance & Production	*S¥	147	127	127	112	131
Research, Development & Testing	KSF	30	30	30	23	12
Storage	KSF	2.020	2.058	1		_
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	2,058	2,040	2,437
Hospital & Medical	KSF	7	7		7	7
Administration	KSF	50	50	50	99	93
Bachelor Houseng	KSF	77	77	7.7	7.7	77
Correnanty Facilities	KSF	145	199	195	214	179
Farrely Housing	KSF	206	206	206	206	212
Operational Buildings	KSF	α	60	8	2	1
Utaky Buildings	KSF	oc	10	10	10	10
Other	KSF	Not Avadable BASE		7		2
-		*PD as Percent Deviation from Base Year		** Population Served is the total Resident & Non-Resident Population	Non "Ett Pop is Resident + 1/3 Non-Resident	1/3 Non-Resident

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION SAVANCE ARMY DEPOT, ILL	3Y CONSUM	PTION - INSTALLATION_SAUA	NNA ARMY DEPOT, III.	MACOM DARCOM	. CLIMATIC REGION 2 HDD6, 694 CDD 741	694_ CDD 741_
•			1 - 1 1 1	1 _ 1	_ 1 _ 1 _ 1 _ 1	1 . 1 . 1
	UNITS/FY	ĸ	82	r	22	R
1 Energy Consumption 6 PD	MBTU	243.662	182,969 1-24,91	186,466 (-23,5)	190,198 1-21,91	205,818 (-16)
2 Thermal En Cons Is PD	MBTU	173,001	129,908 1-24,91	141,715 (-18,1)	152,159 (-12,0)	164,655 (- 4.8)
3 Electrical En Cone & PO	MBTU	20.661	53.061 (-24.91	44,751 (-36,71	38,039 1-46,21	41,163 (-42)
4 Resident Population & PO	PEOPLE	190	-	42	71 (-81.8)	97 (-75.1)
5 Non-Readent Population & PD	PEOPLE	862	664 (-16.8)	471 (-41.0)	522 1-34.61	571 (-28.4)
6 Population Served** & PD	PEOPLE	188	-	-	-	668 (-43.8)
7 Effective Population*** & PO	PEOPLE	656	-	-	-	247 1 -56.21
8 En Consumption/Pop Served & PD	MBTU/CAP	205.1	208.9 (1.8)	363.5 (77.2)	320,7 (56,41	308.1 (50.2)
9 En Consumptron/Eff Pap to PO	MBTU/CAP	371.4	422.6 (13.8)	937.0 (152.3)	776.3 (109.0)	717.1 (93.1)
10 Electric En Consumption/Resident Population	MBTU/CAP	181.2	38	1.065.5 (488.1)	535.8 (195.7)	424,4 (134,2)
11 Installed Ar Cond Capacity & PD	TONS	765	-	465 (0)	465 (0)	465 1 0 1
12 Elec Energy/Ton of Air Cand & PD	MBTU/TON	152.0	114.1 (-24.91	96.2 1-36.7 1	81.8 1-46.21	88.5 1 -41.7
	KSF	4.428	3.818 (-13.8)	3,835 (-13,4)	3,852 (-13,0)	3,914 (-11.64
14 RPVEHactive Population	KSF/CAP	6.75	8,82 (30,6)	19,27 (185.5)	15.72 (132.9)	13.64 (102.0
15 Energy Consumption/GSF & PO	BTU/GSF	55,028	47,923 (-12,91	48,622 (-11.6)	49,376 1-10,31	52,585 1 - 4.41
	BTU/GSF	39.070	34,025 (-12,9)	36,953 1- 5,41	39,501 (1.1)	42,068 1 7.71
17 Electrical En Consumption/GSF fe PD	BTUGSF	15.958	-		9,875 (-38,1)	10,516 (-34.1)
18 API by Category	RSF		****			
	KSF	59	64	. 62	62	62
Maintenance & Production	₹S#	346	283	287	287	287
Research, Development & Teating	KSF	13	13	13	13	13
Storage	KSF	3.641	3.283	2.525	2,525	2,525
Other Covered Storage	KSF	Not Available Separately included Above	BASE	767	767	767
Hospital & Medical	KSF	10.	10	10	10	10
Administration	KSF	113	71	75	75	.83
Bechelor Housing	κSF	09	1	1	1	38
	KSF	7.07	25	2.7	34	31
Fernity Housing	KSF	7.7	34	34	77	65
Operational Buildings	#St	6	8		8	
Uniny Buildings	KSF	25	26	26	26	2.6
Other	KSF	Not Available BASE				

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATIONSCPANTON_ARP. PA	IGY CONSUM	PTION - INSTALLATIONSCI	PANTON AAP, PA	MACOM DARCOM	CLIMATIC REGION 2 HDD 6.114 CDD 630	6,114 CDD 630
			1 1 1	1 1		
	UNITSIFY	æ	Đ.	и	æ	æ
1 Energy Consumption 6 PD	MBTU	1.014.808	640,515 (-36,91	521,760 1-48,61	735,146 (-27,6)	895,649 (-12)
2 Thermal En Cons & PO	MBTU	629.181	371.499 (-41.0)	281,751 (-55,2)	455,791 1-27,61	546,346 (-13)
3. Electrica: En Cons & PO	JT8M	385 627	269.016 1-30.21	1,8,75-, 000,042		368,303 1 - 9.4
4. Readent Population & PD	PEOPLE	U	1 0		-	
5 Non-Resident Pspulation & PD	PEOPLE	702	(8-66-) 867	536 (-23.91)	-	,
6 Population Served** 6-PD	PEOPLE	702	(£°66−, 867	536 (-23.9)	-	-
7 Effective Population*** 5 PD	PEOPLE	235	-	179 (-23.91	-	-
B. En Consumption/Pop Served & PD	MBTUCAP	1.441.5	2	1-32	-	-
9 En Consumption/EH Pop & PD	MBTU/CAP	4 318.3	~	2.914.9 (-32.5)	-	-
10 Electric En Consumption/Readent Population	MBTUCAP		-	ı	-	-
11 Installed Air Cond Capacity & PD	TONS	-	(-)	- 1 -	-	-
12. Elec Energy/Ton of Air Cond & PD	MBTU/TON	_	1 -	11	-	-
13. Real Property Inventory (RPI) & PO	KSF	385	18.1 - 1 . 31	381 (- 1.0)	-	1
14. RPVEMective Population	KSF/CAP	1.63	2.29 1 39.71	13 1 29	1	()
15. Energy Consumption/GSF B PD	BTU/SSF	7, 635, 864	1,685,566 (-36,1)	1 369-49 648-0](1
16. Thermal En Compumption/GSF & PD	BTU/GSF	1.634.236	-	139,504 (-54,7)	,	,
17 Electrical En Consumption/GSF & PD	BTU/GSF	1 001 528	18.62-1 786.707	629,945 (-37,11	1	
18. RPI by Category	KSF	*******				***************************************
Training	KSF		1	-		
Mantenance & Production	*SF	335	335	335		
Research, Development & Testing	KSF	_				
Storage	ĸŚF		ē.			
Other Covered Storage	KSF	Not Available Separately included Above	BASE			
Hospital & Medical	KSF]		
Administration	KSF	7ε	7٤	34		
Bechelor Housing	KSF		_			
Community Facilities	KSF	_	1	_		
Farnity Mousing	#SF			_		
Operational Buildings	KSF	fi				
Unitry Buil Singe	KSF	10	1.0	10		
Other	KSF	Nor Available BASE				
		the state of the state of the state of	· Variable Consultation Consult to the	a taked Danadama fo Man Banadana Banadan	to the second or	10 May Brandons

FY 77 ECIP - Insulation - \$162,000 - Completed (estimated) June 1978

U.S. Army - ANALTSIS OF CITCHES					-	_
	_	1		A	7	R
		×	ĸ	- L	, a	X > +
	1		1 0 - 000 Et.	104.289 (-10.9)	~	1
Fremy Contemption & PO	MBTU	117,000	-			-
Constitution of the Consti	MBTU	58,500	-	į.	50.812 1-13.11	_
	MBTU	58.500	58 500 1 0 1	1	1 198 (-46.71	21,773 , 262.
3. Electrical En Lords of FU	200	900	6,000	-	2725 1336.01	180 1-86.
4. Readont Population & PO		303	1 313 1 - 1	1,313 (0 /		71 953 1 265
5. Non-Resident Population & PD	100	7000	2 212	7.413 1.23.61		1
4. Providence Survey 1 to 70	PROPLE	7.500		1 0.0 1	5.106 1-14.91	
9	PEOPLE	6,500	6,438		12.0 (-33.61)	5.6 (-/1.
	MATINCAP		19.5 1 - 1	1.	110.91-1 2 55	2.7 1 -70.
8. En Consumptionimop Served of the			19.0]	1	7/1 7 7
9. En Consumption/Est Pop & PO	A LOCAL			- a.a -1 -0.8	-	1 1/4
10. Electric En Consumption/Resident Population	MBTUCAP	-		1 U 3 85 C	261 1 1.21	10.
Carlo Carron for the carron of	7045	258	X5:	210 2 1 2 3 1	194.7 1-14.11	204.0 (-1
	METLITON		226.7 (- 1	.].	3,91	2,050
12. Elec Energy/Lon or As Comp. C. 1	1	000	7. gov (- 7	<u>-</u> }		1 160
13 Real Property Inventory (IBM) & PO	2		33 (- 1	1 5.6 -1 08.	,	50 7 03
14. RPUEMective Population	KSFICAP	+	1 00 5 83	11 9.6 -1 288,55	-	602,00
15. Energy Consumption/GSF & PD	BTU/GSF		28.248	25, 385 (-13.2)		34,4311
to Thermal En Consumption/GSF & PD	BTWGSF		007467	10.5 -1 005 66	17.91-1 557.75	15,9/3
Of of School Consumption (I.St to P.O.	BTUGSF		X X X X X X X X X X X X X X X X X X X	**************************************		
	S		***************************************		10	IV
18. Hard Law Committee V	2	10	10		13	75
gravaga T	201	- 15	51	31		
Married of Production	30.4		1			
Spenarch, Development & Testing	2 3		33	- 1		66
Storege	2	A strate Consumer Included Above	BASE	1	100	26
Other Covered Stonege	è	The section of the se	2.5	2.3		100
Hospital & Medical	žS.	+	30	25	C.C.	1
Administration	KSK	25		16	16	\$7
Sectionics Manhors	25.2	16	41	1,66	166	1 90
	KSK	166	166		1,662	1,500
Commony of the same	200	1.662	1,662	1 2 2	7	70
Summar April 1		7	7	7	C.	c i
Operational Buildings	2	7 .	- 10	10		3
Unitry Building.	2	8866		5		

In FY 75, Selfridge was a sub-activity of Ft Sheridan, II, and all data pertaining to Selfridge was included in the Ft Sheridan report. In FY 76, Selfridge was transfered to BARCHM and has been reported separately since then. The FY 7 data shown hereon is estimated only and FY76 data has been used as the base wear. Pepulation data for FY78 & FY79 appear—to be in error.

FY 77 Family Housing ECDP Improvements - \$125, \$20 - Completed (estimated) whoher 1978

U.S. Army — ANALYSIS OF ENERGY CONSUMPTION — INSTALLATION	SY CONSUM		SHARPE ARMY DEPOT. CA	MACOM DARCOM	CLIMATIC REGION 4 HDD	HDD 2,806 CDD 1,259
'				1 - 1 - 1		1 1
	UNITS/FY	\$2	2	t.	BL.	P
1. Energy Consumption B PD	WBTU	133.743	135.862 (1.6)	121,984 1-8,81	125,585 1- 6.11	126,504 1- 5.7
2. Thermal En Come & PD	MBTU	40.123	40.759 1 1.61	32,936 1,7,9 1	32,653 (-18,61	34,157 (-15
3. Electrical En Cons B PO	Metu	93,620	95,103 (1,6)	16.7 -1 870.68	92,932 1- 0,71	92,347 (- 1.4
4. Pesident Population & PD	PEOPLE	122	123 (0,81	19'9 -1 511	129 (5.7)	120 (- 1.6
5. Non-Resident Population & PO	PEOPLE	1 893	1.845 (- 2.5)	1,617 (-14,6)	1,533 (-19,0)	1.569 (-17.1
8. Population Served** & PD	PEOPLE	2.015	1.968 (- 2.3)	1,731 (-14,1)	1,662 (-17,5)	1,689 1-16.2
7. Effective Population*** & PO	PEOPLE	753	-	653 (-13,3)	640 (-15.0)	643 1-14.6
B. En Consumption/Pap Served & PD	METUCAP	66.4	-	70.5 (6.2)	75.6 1 13.8 1	74.9 112.8
9. En Communication Ett Pap & PO	MBTUCAP	177.6	184,1 (3.6)	186.8 (5.2)	196.2 (10.5)	196.7 (10.8
10. Electric En Consumption/Resident Population	MBTUCAP	7.67.4	773.2 (0.8)	781.1 (1.8)	720.4 (- 6.1)	-
11. tresulted Air Cond Capacity & PO	TONS	303	410 (35,31	418 (38,0)	418 (38.0	450 1 48.5
12. Bec Energy/Ton of Air Cond is PD	MBTUTON	309.0	232.0 (-24.91	213,0 (-31,1)	222.3 (-28.0)	205.2 1-33.6
13. Pleat Property Inventory (RPT to PO	KSF	3.164	3,166 (0,1)		3,143 1-0.71	3,076 1- 2.8
14. RPIEMscrive Population	KSF/CAP	4.20	4.29 1 2.11	4.79 (14.0)	4.91 1 16.91	4.78 (12.9
15. Evergy Consumption/GSF ib PD	BTUGSF	42.270	42,913 (1,5)	38,997 (- 7,7)	39,957 (- 5.5)	41,126 (- 2.7)
16. Thermal En Consumption/GSF is PD	BTU/GSF	12,681	12.8/4 (1.5)	10,529 (-17.0)	10,389 (-18.1)	11,104 (-12.4
17. Electrical En Compumption/GSF to PO	BTUGSF	29.589	30.039 (1.5)	28,468 (- 3,81	29.568 (0.0)	30,022 1.5
18. RPI by Congory	KSF					
Training	KSF		,		-	
Meinements & Production	KSF	378	378	300	284	253
Pleasanch, Development & Teating	KSF			1	-	j
Storage	XSK	977-2	2.448		-	,
Other Covered Storings	KSF	Not Available Separately Included Above		2,492	2,514	2,503
Hospital & Medical	KSF				S	- 5
Administration	KSF	111	131	142	171	117
Bechetor Housing	KSF			1	1	1
Community Facilisies	KSF		4.2	44	52	52
Family Housing	KSF	40	40	40	07	40
Operational Buildings	KSF	901	106	91	93	92
Utility Buildings	KSF	10	13	12	13	10
Other	KSF	Not Available BASE		1	-	3
		all many conserved and an order	a barred orienters Canada	the tailed Beautiers & Man Beautiers Property	A Designation of Branchause	1.7 Mars Barrell

ry 77 ECIP - Insulation and Heating System Improvements - \$186,998 - Completed (estimated) June 1978

STERRA ARYZ DEPOT	SA CONSTIME	TION - INSTALLATION SIER	RA AR'Y DEPOT. CA.	MACOM DARCOM	CLIMATIC REGION 2 HDD	HDD 3,742 CDD 395
U.S. ATHY - PROPERTIES OF EVENTS		-	-		1 1 1	
		<u> </u>	<u> </u>		R	R
	UNITS/FY	£	P	: 100	0	212.629 (- 4.8)
1 France Consumption & PO	MBTU	223.452	234,614 (5.01	222,202	-	104,189 1-25
64 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	UBM	138.541			000	ŀ
	MRTU	110 76	100,884 18,81		000	
1 Electrical in Core of To	100	000	872 (-0.9)	826 (- 6.1)		
4. Resident Population IP TO	1	100	512 1 - 2.81	499 (- 5.31	-	260
5. Non-Resident Population 6 PD		777	-	1.325 (- 5,81	1,309 (-7,0)	-
8. Population Served** 6 PO	PEOPLE.	1,402	-	1 - 6.1 1	956 1 - 9.51	1,164 (10.2)
7. Effective Population*** & PD	PEOPLE	1,056		-	146.6 1 - 7.71	136,4 (-14,3)
8. En Consumption/Pag Served & PD	MBTUCAP	158.8	-		2007 1 = 5.11	182.7 (-13.7)
S E. Communication Pro for PO	MBTUCAP	211.6	٠,		133 0 6 37 61	112.1 (16.2
10 Change Co Commention/Bendant Propletion	MBTUCAP	96.5	115.7 (19.9)	- - -	·}-	228 (14.0
Carried Control to BD	TONS	200	200 (0)) - 	-	275 6 1 12.0
THE PROPERTY OF THE PROPERTY O	MOTH ITTOM	4.2%	504.4 (18.8)	5.6 13	- }	. !
12. Elec Energy/Ten of All Carls & PU	1		-	5,013 (0,7)	-]	-
13. Assi Property Inventory (NPN & PD	à	4.278	٦.	5.05 1 7,21	5.23 (10.9)	77.7
14. MevEthective Population	KSFCA	4.4	,	1,6 325 1- 1.31	38,389 1-14,51	
15. Energy Contamphion/GSF Ib PD	BTUKSF	44,888	1	77 163 (-70 4 1	17.559 (-36.51	20,959 (-24.7
18. Thermal En Consumption/GSF & PD	BYUGSF	27,831	1		-	21,815 (27.9
17, Bactrical En Consumption/GSF & PD	BTUGSF	17 057	13.00 × × × 8.00 cr	**************************************		
18. Ber by Calestory	KSF		***************************************		A S X X X X X X X X X X X X X X X X X X	11
Training	KSF	13	6	+	250	259
Management in Production	KSF	268	257	259	2,72	-
Party Or Assessed & Tombre	KSF		L		-	1 951
	351	166 7	4.212	1,951	1.931	276 6
	351	Not Available Seperately Included Above		2,255	25,52	26
	27	0.	39	39	39	60
Hospital & Medical		3	03	87	87	90
Administration	2	3	(;	72	84	82
Bachelor Housing	Š	90	70,	132	123	123
Community Facilities	¥S.	128		130	130	130
Farmity Housing	KSF	102	7.11	77	39	39
Operational Buildings	KSF	54	54	23	21	20
Unitry Buildings	KSF	1	21	1		2
0	KSF	Not Available BASE			+ Period in Period +	1/3 Non-Resident

				T T T	1 1 1 1	1 1 1
	UNITS/FY	æ	æ	и	R	R
1. Energy Consumption & PO	MBTU	115 958	123,488 (6.51	135,480 (16.8)	217,659 (87.7)	173,602 65
2 Thermat En Corn to PO	MBTC	23 102	15, 933 (11,81	27,096 (16,8)	93,598 (303,61	50,345 +1
3 Flectrical for Corn & PO	MBTU	93 766	97 555 (5.21	108,384 (16,8)	124,071 (33,71	123,257 #3
4 Resident Prosperior & PO	PEOPLE	0,0	14 1 20 01	13 (-35)	0 (-100)	ن ۱
S. Non-Resident Provision & PD	FOPLE	20,	18.61 19.81	277 (39.9)	300 (51,51	21 678
6 Population Served** & PO	PEOPLE	910	279 1 28.01	290 (33.01	300 (37.61	349 1 6
7. Effective Providency " - Sr PO	PEOPLE	78	107 1 50.91	105 (22,1)	100 (16.3)	116 (3
B. En Consumption/Pop Served & PO	MBTUCAP	531 9	18-91-1 9-677	467.2 1-12.2 1	725,6 (36,4)	-1 7.767
9. En Consumption/Eff Pap & PD	MBTUICAP	1 348 3		1.290,3 4- 4.31	2,176,7 (61,4)	1,496.6
0 Electric En Consumption/Resident Population	MBTUCAP	£ 8£9 7	6 097.2 (31.51	8,337.2 (79.7)	- (-
1. Installed Air Cond Capacity & PD	TONS		-	1 -	[1]	214 (
2 Elec Energy/Ton of Air Cond & PD	MBTUTON	1	-	1 -	1 1	575.9 (
3. Resi Property Inventory (RPI) & PD	KSF	3 756	3.714 1-1.11	3,761 1 0,111	3,543 (- 5,7)	2,009 (-4
4. RPUEMecting Population	KSF/CAP	29 87	35.71 (-18.2)	35,82 (-18,0)	35,43 (-18,9)	17.32 (-6
5. Energy Consumption/GSF & PD	BTUGSF	30.873	33.249 1 7.71	36.022 (16.7)	10.66 1 362.19	86,412 (17
16. Thermel En Consumption/GSF & PD	BTUIGSF	6 175	6.982 (13.11	7.204 (16.7)	26,418 (327.8)	25,060 (30
7 Electrical En Consumption/GSF & PD	BTUGSF	24.698	26.267 (6.41	28.818 (16.7)	35,018 (41,8)	61,352 (14
18 RPI by Cumpory	KSF					$\overset{\otimes}{\otimes}$
Transmit	KSF			_	1	
Mentenance & Production	KSF	777 6	2.393	2,458	2,292	1,354
Research, Development & Testing	KSF			_		•
Storage	KSF	77.6	786	296	296	118
Other Covered Storage	KSF	Not Available Separately Included Above		067	486	261
Hospital & Medical	KSF	36	36	13	13	13
	,			100	781	001

CLIMATIC REGION 3 HDD 5,030 CDD 1,370

U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION _

*PO is Percent Deviation from Base Year **Population Served is the total Resident 6 Non-Resident Population ***Eff Pop is Resident + 1/3 Non-Resident Population

U.S. Army - ANALYSIS OF ENERG	GY CONSUM	ERGY CONSUMPTION - INSTALLATION TORYHANNA ARMY DEPOT	SYHANNA ARMY DEPOT, PA	MACOM DARCOM	CLIMATIC REGION 2 HDD 6.816	254 COD A18.
			L 1 1 1			1
	UNITS/FY	75	22	ш	R	R
1. Energy Consumption & PD	MBTU	822.301	697,034 (-15.2)	793.074 (- 3.61	830,136 (1,0)	805,710 (- 2.0
2. Thermal En Cons & PO	MBTU	616,726	494,895 1-19,81	571,014 (- 7,41)	606,000 (- 1,7)	563,997 (- 8.5
3 Electrical En Cons & PO	MBTU	205.575	202,139 (-1,7)	222,060 1 8,01	224,136 (9,0)	241 713 (+18
4. Readent Population & PO	PEOPLE	114	147 (28.9)	109 (-4.4)	253 (121.9)	276 (142.1
5. Non-Resident Pt. Juletinn & PD.	PEOPLE	3.449	3,439 1 - 0,31	3.585 (3.91	3.821 (10.8)	3 921 (13.7
6. Population Served** & PD	PEOPLE	3.563	3,586 1 0,61	3,694 (3,7)	4.074 (14.3)	4,197 (17.8
7. Effective Popularion*** & PD	PEOPLE	1,264	1,293 1 2,31	1,304 (3,2)	1,527 (20,8)	1,583 (25.2
8. En Consumption Pop Served & PO	MBTUKCAP	230.8	194.4 (-15,8)	214,7 (- 7,01)	203.8 1-11.71	192.0 1-16.8
9 En Consumption/Eff Pop & PD	MBTUCAP	650.6	539.1 (-17.1)	608,2 (- 6,5)	543.6 1-16.41	509.0 (-21,8
10 Electric En Consumption/Resident Population	MBTUICAP	1.803.3	1,375.1 (-23.7)	2,037,2 (13,0)	885.9 1 -50,91	875.8 (-51.4
11 Installed Air Cord Capacity & PD	TONS	804	834 (3.7)	933 (16.0)	932 (15,9)	936 1,46,1
12 Elec Energy/Ton of Air Cond & PO	MBTUTON	255.7	242.4 (- 5.2)	238.0 (- 6.9)	240,5 (- 5,91	258,2 (1,0
13 Real Property Inventory (RPI) & PD	KSF	3,456	3,515 (1,7)	3,564 (3,11	3,671 (6,2)	3,698 1 7,0
14. RPI/Effective Population	KSFICAP	2,73	2,72 (- 0,6)	2,73 (0,0)	2,40 (-12,1)	2,34 1-14,6
15. Energy Consumption/GSF & PD	BTUIGSF	237.934	198,302 (-16,7)	222,523 (- 6,5)	226,133 (- 5,0)	217,877 (- 8.4
16. Thermal En Consumption/GSF & PD	BTUGSF	178,451	140, 795 (-21, 1)	160,217 (-10,2)	165,077 (- 7.5)	152,514 (-14.5
17 Electrical En Consumption/GSF & PO	BTUGSF	59.483	57.507 (- 3.3)	62,306 (4,7)	61.056 (2.6)	65.363 (9.9
18. RPI by Category	KSF		***************************************	****		
Transing	KSF	7	7	7	7	7
Maintenance & Production	KSF	528	566	652	668	668
Research, Development & Testing	KSF	20	2.0	21	21	21
Sorrage	KSF	2.421		1		
Other Covered Storage	KSF	Not Available Separately-included Above	BASE	2,392	2.352	2,352
Hospital & Medical	KSF	12	12	12	12	12
Administration	KSF	193	193	196	197	197
Bechelor Housing	KSF		61	61	61	61
Community Facilities	KSF	136	134	138	153	153
Formity Housing	KSF	}	5		56	82
Operational Buildings	KSF	53	67	57	57	5.7
Utility Buildings	KSF	20	23	23	87	88
Other	KSF	Not Available BASE		4		

Comparison of Parison	U.S. Army - ANALYSIS OF ENERGY CONSUMPTION - INSTALLATION TODELE ARMY DEPOR	GY CONSUA	APTION - INSTALLATION	DELE ARMY DEPOT, UT	MACOM DARCOM	CLIMATIC REGION 2 HDD	HDD 5,941 CDD 859
WHITE 131,932 1223,321 1.94 1.264,065 1.65 1.157,327 1.20,471 WHITE 1.31,932 1.223,321 1.264,065 1.65 1.157,327 1.20,471 WHITE 1.21,234 1.22,232 1.26,232 1.26,326 1.20,427 WHITE 2.04 4.72 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 2.04 4.72 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 2.04 4.72 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 2.04 4.72 4.01 4.01 4.01 4.01 4.01 WHITE 2.04 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 3.04 4.01 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 3.04 4.01 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 3.04 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 3.04 4.01 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 3.04 4.01 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 3.04 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 WHITE 3.04 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01 4.01			_	_	_ ≥ -	_	_
Well 1,351,932		UNITS/FY	ĸ	R	r	22	R
WEIL S. 11 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	1. Energy Consumption & PD	MBTU		371 1-	-, 065	517	471
Figure School 214 State Land 1	2. Thermal En Cons & PO	MBTC	851.718	477	796.361 1- 6.5 1		533
PROPAGE 1,559	3. Electrical En Cons & PD	MBTU	500 214	15 7 - 1 768 227	,	981	
Figure Color Col	4. Readers Population & PD	PEOPLE	956	~	_		-
Property Color C	5. Non-Readert Population & PD	PEOPLE	505 7	-		-	Ī
MeTUCLAP 1,161 1,162 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1,168 1	6. Population Served** 6 PD	PEOPLE	7,44	-	-	7 692	-
MeTUCLAP 283.8 180.7 1-36.3 207.0 1-27.1 202.4 1-28.7 222.6	7. Effective Population*** & PO	FOPLE	1.761	-	-	-	680
MeTUCICAP 767 7 477 2 1-37.8 1.56.3 1-28.5 1.510.3 1-33.5 1.557.7	B. En Companyption/Pop Served & PD	MBTUCAP	283.8	-		7	222.6
Matricology 1, 1911 3 1, 105 1, 21, 3 1, 11, 21 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11, 3 1, 11,	9. En Consumption/Eff Pap & PD	MBTUCAP	7.67.7	-	6		
MeB-UTON	10. Electric En Consumption/Resident Population	MBTUCAP	1 931.3	, 9		-	. 7.
Mailtonian 199 126.0 1 26.0 1 26.0 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21 19.21	11. Installed Air Cord Capacity & PD	TONS	1 673	-)	1	}	`
Kish	12. Elec Energy/Ton of Air Cond & PD	MBTUTON	0.665	5 - , 0	Ŧ	7	0
RSFCAPE RSFC	13. Real Property Inventory (RPR & PO	KSF		826	, 613	109	710
## Project Red, 180	14. RPVEMective Population	KSFICAP		1 76	-	8.13	6
#THUGSF 51,159 41,922 (-21,1) 45,214 (-14,91) 19,543 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61) 37,825 (-25,61)	15. Energy Consumption/GSF & PD	BTUIGSF		741		766 1-25.	800
RFUNGSF 31 231 1.25 6.1 25 5.55 1.49 23 223 1.25 6.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1 25 5.1	16. Thermal En Consumption/GSF (8 PD)	8TU/GSF	53,159	932		543	825
Kist 12 249 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15 2 15	17. Electrical En Consumption/GSF & PO	BTU/GSF	31 221	11 71-1 608 96	16 71-1 555 96	23 223 1-25.61	23.183 (-25.71
Kish Consideration Cist 2 249 2 156 1 954 2 075 Consideration Cist 2 249 2 156 1 954 2 075 Consideration Cist 12 067 1 962 8 127 8 804 Kish 12 067 13 982 8 127 8 804 Kish Solution Cist 114 114 125 125 Kish Solution Cist 114 124 125 Kish Solution Cist 114 124 126 Kish Solution Cist 114 124 126 Kish Moderation Cist 114 126 Kish Moderation Cist 114 114 Kish Moderation Cist 114 114 Kish Moderation Cist Cist Cist Cist Kish Moderation Cist Cist Cist Cist Cist Kish Moderation Cist Cist Cist Cist Kish Moderation Cist Cist Cist Cist Kish Moderation Cist Cist Cist Cist Cist Cist Kish Moderation Cist C	18. RPI by Caragory	KSF					
Column C	Training	KSF	29	19	51	51	51
KSF 12_067 13_962 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_665 14_6	Maintenance & Production	KSF	١٠	2 156	1.954	2.075	2.086
KSF 12,067 8,127 8,804 8 KSF Not Available Supersety-Included Albona 13,982 BASE 5,897 6,085 7 KSF 50 45 45 45 42 42 42 KSF 521 456 454 423 423 423 KSF 114 114 125 125 125 125 KSF 540 235 216 234 234 234 KSF 518 562 564 510 514 116 KSF 110 124 124 510 510 514 KSF 110 111 114 114 114 KSF 110 111 114 114 KSF 110	Research, Development & Testing	KSF	-	•	1	1	>
KSF Nor. Avadebble Superstately-Included Above BASE \$,897 6,086 7 KSF 50 15 19 42 42 KSF 51 456 42 42 KSF 114 114 125 125 KSF 124 124 124 126 KSF 518 562 504 510 KSF 518 562 504 510 KSF 518 562 504 510 KSF 110 114 114 114	Storage	KSF	12.067	13 982	8-127	8.804	8,800
KSF SA 15 19 42	Other Covered Storage	KSF	Not Available Separately-Included Abov		5.897	6.086	7.142
KSF 521 454 423 for Housing KSF 114 114 125 125 for Markings KSF 240 275 216 234 234 formal Buildings KSF 124 126 126 126 510 Buildings KSF 110 114 114 114 RSF Not Available RASF 118 111 114 RSF Not Available RASF 118 111 114 RSF Not Available RASF Not Available Provision from Served in the steal Random Frontier Provision Provision from Random Provision Provision Frontier Provision Provision Random Provision Provision Random Provision Provision Random Provision Random Provision Provision Random Rand	Hospital & Medical	KSF	20	15	91	42	52
KSF 116 116 125 125 KSF 240 235 216 234 Householder KSF 124 126 126 Roy Available KSF 110 114 114 Rist Not Available BASE 118 111 114 Rist Not Available BASE 118 114 114 Rist Not Available BASE Throughout the notes found in the notes for notes f	Administration	KSF	521	957	757	423	437
KSF 246 235 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236 236	_	KSF	114	114	125	125	125
Houseling KSF 124 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126		KSF	240	235	216	234	243
Suidings KSF S18 S62 S10 S10		KSF	124	124	124	126	125
Ruddings KSF 110 BASE 118 111 111	Operational Buildings	KSF	518	562	50%	510	517
KSF Not Available BASE 5 11	Utility Buildings	KSF		118	111	114	115
**Prouterion Served is the total Resident & Non-Resident Prouderon	Other	KSF			11	11	12
			- PD is Percent Desistion from Beau		the social Beautiest fo Non-Beautiest Broads		1.0 Mrs. Benishme

Data includes Pueblo AD, Ft Wingate AD, Umatilla AD and Navajoe AD which are sub-activities of Tooele AD.

W FY 76 ECIP (Wingate) - Insulation - \$140,386 - Completed May 1977

P FY 76 ECIP (Pueblo) - Insulation - \$1,573,709 - Completed December 1977

P FY 77 ECIP (Pueblo) - Energy Monitoring/Control System - \$379,000 - Completed (estimated) June 1978

FY 77 ECIP (Tooele) - Insulation - \$2,572,000 - Completed (estimated) June 1978 REMARKS

		_	-	_	_	_	_
	UNITS/FY	ĸ	æ	r	R	SE SE	
1. Energy Consumption & PD	MBTU	1.408.367	1.093.259 (-22.4)	712,063 (-49,1)	839.591 (-40,41)	7 066 078	071
2. Thermal En Cons & PO	ULBM	746,435	956	477,083 1-36,11	503,755 1-32.51		1-34
3. Electrical En Cone & PO	MBTU	661.932	437,303 (-33,91)	234,980 1-64,5 1	335,836 1-49,31	344,805 1-	87
4. Resident Population & PO	PEOPLE	05	60 (20.01	51 (2.0)	10'9 -1 27	57	14.0
5 Non-Resident Population B PD	PEOPLE	2.047	1.159 1-43.41	941 (-54.0)	1.943 (-5,1)	1.936 (-	2.4
6. Population Served** 8-PD	PEOPLE	2 097	1 219 1 -41.91	492 (-52.7)	1.990 (- 5.11	1 993 1-	5.0
7. Effective Population*** & PD	PEOPLE	732	-	365 1-50.1 1	695 (-5.1)	702 (-	7.7
8. En Consumption/Pop Served & PD	MBTUCAP	671.6	896.8 (33.51	717.8 1 6.91	421.9 1-37.21	c.	1-37.2
9 En Consumption/Eff Pop & PD	MBTUCAP	1.924.0	2.451.2 (27.41)	1.950.9 1 1.4 1	1.208.0 1-37.21	1.198.0	1-37.7
10. Electric En Consumption/Resident Population	MBTUCAP	13,238.6	7,288.4 (-44.9)	4,607,4 1-65,2 1	7,145.4 (-46,0)	(-) (-670.9	- 24.3
11. Inecelled Air Cont Capacity & PD	TONS	214	214 (0)	100-1	1001-1	1	-100
12. Elec Energy/Ton of Air Cond & PD	MBTUTON	3.093.1	2,043.5 (-33,91	-	-	-	
13. Real Property Inversory (RPI) & PD	KSF	4,376	4,377 (0.0)	4,383 (0.2)	4,462 1 2.01	7,461	0
14. RPVEMective Population	KSF/CAP	5,98	9.81 (64.2)	12.0 (100.9)	6.42 1 7.41	6.35 (6.3
15. Energy Consumption/GSF fa PD	BTU/GSF	321,839	249,773 1-22,41	162,460 1-49,51	188,165 1-41,51	188,520	7.15-
16. Thermal En Consumption/GSF & PD	BTU/GSF	170,575	149,864 (-12.1)	108,849 (-36,2)	112,899 1-13,81	111,227	37.8
17 Electrical En Comumprion/GSF & PD	BTU/GSF	151.264	10.25-1 606.66	53,611 1-64,61	75,266 (-50.2)	77, 293 (6-87-1
18. RPI by Catagory	KSF						
Training	KSF		1		ı	-	
Maintenance & Production	KSF	3.489	3,487	3,495	3,574	3,630	
Research, Development & Testing	KSF	39	39	39	39	87	
Storage	KSF	614	613	96	96	96	
Other Covered Storage	KSF	Not Available Separately-Included Above	BASE	515	515	097	
Hospital & Medical	KSF			1			
Administration	KSF	130	135	135	135	125	
Bachelor Housing	KSF			-			
Community Facilities	KSF	9	æ	α	æ	æ	
Farmity Housing	#S#	32	32	3.2	32	3.2	
Operational Buildings	KSF	2	9	7	7	1	
Unitry Buildings	KSF	59	57	59	59	88	
Other	KSF	Not Available BASE	c				

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			ETHAN ALLEN FIRING RANGE, VI (Renamed in FY 77)	VI (Renamed in FY //)	-	-
	20.00		•		, ,	
	1	ę	Q.		9/	
1. Energy Consumption & PD	MBTU	8,573	11,798 (37,6)	1 2 1 - 1 085 8	6.51 1 15.71	د د د د د د د د د د د د د د د د د د د
2. Thermat En Coms & PO	MBTU	3,515	3,540 1 0,71	3,541 (0.7)	, 32.	16.5 -1 85.6
3. Electrical En Cons & PD	MBTU	5.058	8.258 1 63.31	18.8 -1 9.31	5,257 (3.91)	5,227 14 3,31
4. Resident Population & PD	PEOPLE	0	0 0	1 0 1 0		- C
5. Non-Resident Population & PD	PEOPLE	42	42 (0)	(1,7) 22	45 (7,1)	15 1 7.1 1
6. Population Served** & PD	PEOPLE	42	42 1 0 1	45 1 7,11	45 (7,1)	1 1 - 1 - 1 - 1
7. Effective Population*** & PO	PEOPLE	14	14 1 0 1	15 (7,1)	15 (7,1)	15 (7.1)
8. En Consumption/Pap Served & PD	MBTUCAP	204.1	280.9 (37.6)	187.3 (- 8.2)	220.4 (R.0)	190.4 (- 6.71
9. En Consumption/Eff Pop & PO	MBTUICAP	612.4	842.7 (37.6)	562 1-8-21	661.3 1 8.01	571.3 (- 6.7)
10. Electric En Contumption/Resident Population	MBTU/CAP			~	-	-
11. Installed Air Cond Capacity & PD	TONS	9	1 0 1 9	1 0 1 4	1 0 1 9	1 0 1 9
12. Elec Energy/Ton of Air Cond & PO	MBTUTON	843	1.376.3 (63.3)	814.8 (- 3.31	876.2 (3.91	871.2 (7.31
13. Rest Property Inventory (NPI) is PD	KSF	34	35 1 2.91	40 (17.61	89 (158,8)	92 (170,64
14. RPVEHective Population	KSFICAP	2.43	2.5 (2.9)	2,67 (9,81	5.87 (141.64	6.13 (152.51)
15. Energy Consumption/GSF & PD	BTLMGSF	252.147	-	210,750 1-16,41	112,727 1 -55,31	93,152 (-63.1)
16. Thermal En Consumption/GSF B PD	BTU/GSF	103.382	101,143 (- 2.2)		52,889 1-48,71	76,337 (-64.9)
17. Electrical En Consumption/GSF & PD	BTUGSF	148.765	235,943 (58,6)	122,225 (-17,81	18, 02-1 87, 03	36,815 (-61.8)
18. RPI by Category	KSF					
Training	KSF			2	7	7
Maintenance & Production	KSF	,				7
Research, Development & Testing	KSF	18	18	18	18	19
Storage	KSF	11	16	7	4	ę
Other Covered Storage	KSF	Not Available Separately included Above	BASE	01	σ	σ
Hospital & Medical	KSF		4		1	1
Administration	KSF	1	1			1
Bechelor Housing	KSF			2	5.0	50
Community Facilities	KSF	7			_	
Farmity Housing	KSF					
Operational Buildings	KSF	1		6		
Utility Buildings	KSF		t	·	1	1
Other	KSF	Not Available BASE			-	
					4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	

U.S. Army - ANALYSIS OF ENERGY	GY CONSUM	CONSUMPTION - INSTALLATION	VOLUMTEER AAP, IN	MACOM DARCOM	CLIMATIC REGION 4 HDD	HDD 3.505 CDD 3.636
	_	-			1 1 1	
	UNITS/FY	ĸ	76	и	82	ድ
Freeze Commerciation fo BD	MBTU	1 436 646	1 196 194 (-16.7)	818.834 (-43.0)	134,014 1-90,71	18,785 (-94,8)
	MBTU	033 820	1"	507 678 1-45,61	10.29-1 20.01	υ (-1 υυ l
	MBTU	502 826	1 629	311,156 (-38,1)	87,109 (-82,7)	14,785 (-65,1)
٥	PKOPI E	0	-	c	0	ن
8	PEOPLE	72.7	19 1 1 287	733 (-50.41	213 (-54,7)	1-56.21
	PEOPLE	027	-		213 (-54,7)	15.82-1 305
£	PEOPLE	751	-		71 (-54,71	49 1-56.2
5	MBTUICAP	3 056.7	.3 1-19	3,514,3 (15,0)	629.2 1-79.41	
	MBTUICAP	9 150 6	7.383.9 (-19.3)	10,497,9 (14,7)	1.867.5 (-79)	, OF3.8 (-88.1)
nt Postetion	MBTU/CAP		l	1	-	-
	TONS	750	750 1 0 1	750 (0)	375 (-50,0)	335 (-55.3)
	MBTUTON	7 029	574.2 1-14.41	414.9 (-38.1)	232,3 1-65,41	223,2 1-64,71
	KSF	967	968 (0.1)	1,132 (17,1)	10.7 - 1 026	0,0 1 - 4.01
	KSF/CAP	6.16	- 1 86	14,51 (135,61	12,96 (110,4)	13,33 (116.5)
58.50	BTU/GSF	1 485 673	1.235.738 (-16.8)	723,352 (-51,31)	145,667 (-90.2)	81,288 (-94.5)
٤	8TU/GSF	965,688	790.873 (-18.1)	148,479 (-53,61)	50,984 1-94,71	- 1
	8TU/GSF	519 985	444 865 (-14.4)	274,873 1-47,11	94, 683 1-81, 81	81,288 (-54,4)
	KSF					
	KSF	6	6	- 6	9	9
Mantenance & Production	KSF	187	186	32.7	186	186
Research, Development & Teating	KSF	2	2		ı	
	KSF	462	4 62	320	320	320
vered Storage	KSF	Not Available Seperately Included Above		172	136	135
	KSF	9	13	7	7	7
	KSF	73	69	70	39	39
2	KSF		1		ę.	
	KSF	15	1.5	14	14	14
Farney Housing	KSF	1	1	ž	(
-	¥S#	σ	11	1.2	11	11
	¥S¥	20%	201	2.04	201	201
	¥S¥	Nor Available BASE	7			
		*PO at Parcent Deviation from Base Year		**Population Served is the total Resident & Non-Resident Population	tion ***Eff Pop is Resident + 1/3 Non-Resident	1/3 Non-Resident

Change

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ARMY FACILITIES ENGINEERING SUPPORT AGENCY FORT BELV--ETC F/G 13/1
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U.S. Army - ANALYSIS OF ENERGY		PTION - INSTALLATION	CONSUMPTION - INSTALLATION WATERVIJET ARSENAL NY	MACOMNARCOM	CLIMATIC REGION 2 HDD 6,393 CDD 654	6.393 CDD 654	
			1 1 1 1				
	UNITS/FY	ĸ	2	и	R	2	
1. Energy Consumption & PO	MBTU	739.107	716.255 (- 3.1)	785,564 (6,3)	850,803 (15,1)	72+. 898 716	-
2. Thermal En Cons & PD	MBTU	376.945	358, 128 (- 5.0)	377.071 (0)	399.878 (6.1)	91+, 221.864	-
3. Electrical En Cone & PO	O18W	362 362	358 127 (-1.1)	4.08 493 (12.8)	450.925 1 24.51	164, 697 431	=
4. Needert Population & PO	THOSE	272	266. (= 2.2)	259 1- 4.81	265 (- 2.6)	254 1- 6.6	- 9
5. Non-Resident Population & PD	FLOORE	2 679	2.565. (= 4.3)	2.602 1-2.91	2 597 (- 3.1)	,	7.1
8. Population Served** & PD	37HO3H	2,951	2 831 1 4 11	2,861 (~3,01	2.862 1 - 3.01	2.058 (-30.3	7
7. Effective Population*** & PO	PEOPLE	1.165	1.120	-)	1,131 (-2.9)	855 1-26.	9
8 En Consumption/Pap Served & PD	MBTUKAP	250.5	253.0 (1.0)	274.6 (9.6)	18,71	443,6 177.	-
9. En ConsumptionEff Pap & PD	MBTUCAP	634.4	639.5 (0.8)	697.7 (10.0)	752.3 (18.6)	1.067.7 (68.	-
10. Electric En Consumption/Resident Population	MBTUCAP	1 331.5	1.346.3 (1.1)	1.577.2 (18.4)	1.701.6 1 27.81	7.04 1 6.838.1	1 7
11. Installed Air Cond Capacity & PD	TONS	897	1.087 (21.2)	1.136 (26.6)	1.136 (26.6)	1,136 (26.	9
12 Elec Energy/Ton of Air Cond & PO	MBTU/TON	403.7	329.5 (-18.4)	359.6 1-10.91	1396.9 (- 1.7)	417.9 (3.	3
13. Real Property Inventory (IRFO & PO	KSF	2.158	2.175 (0.8)	2.174 (0.7)	2,160 (0,1)	2,105 (- 7,	5 1
14. RPVERscolve Population	KSF/CAP	1.85	1.94 (4.8)	1.93 (4.2)	1.91 (3.1)	2,46 (32,9	6
15. Evergy Consumption/GSF & PD	BTWGSF	342 496	329.313 (- 3.8)	361.345 (5.51	193,890 15,0	433,667 1 26,6	9
18. Thermet En Consumption/GSF & PD	BTU/GSF	174,673	164,656 1 - 5.71	173,446 (- 0.7)	185,129 (6,0)	208,160 (19,2	7
17. Electrical En Consumption/GSF is PD	BTUKGSF	167 823	164 656 (- 1.9)	187 899 (12.0)	208.761 1.24.41	225.507 (34.	7
18. RPI by Category	KSF	****				***	$\langle \rangle$
Training	KSF	7	7	4	7	4	
Meintenance & Production	KSF	1 206	1.201	1.201	1.201	1,195	٦
Research, Der topment & Testing	#SH	200	200	2.00	200	194	П
Storage	KSF	318	319				٦
Other Covered Storage	KSF	Not Available Separately-Included Above	bove BASE	319	319	269	
Hospital & Me Scal	KSF	7			7	7	
Administration	KSF	153	153	152	152	152	
Bechelor Housing	4S)					1	
Community Facilities	KSF	39	57	4.5	5.5	39	
Family Housing	KSF	174	176	176.	176	176	
Operational Buildings	KSF	19	19	19	19	18	
Utility Buildings	KSF	37	3.6	36	3.6	36	٦
Other	KSF	Not Aveigbble BASE		1.6		16	٦

FY 77 ECIP - Insulation, Small Boiler and Heating Controls - \$862,559 - Completed (estimated) June 1978 FY 77 Family Housing ECIP Improvements - \$16,375 - Completed (estimated) October 1978

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REMARKS

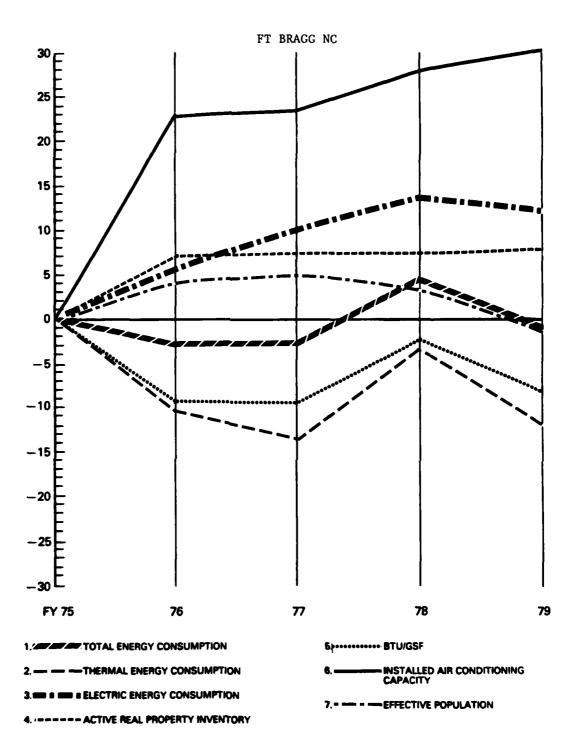
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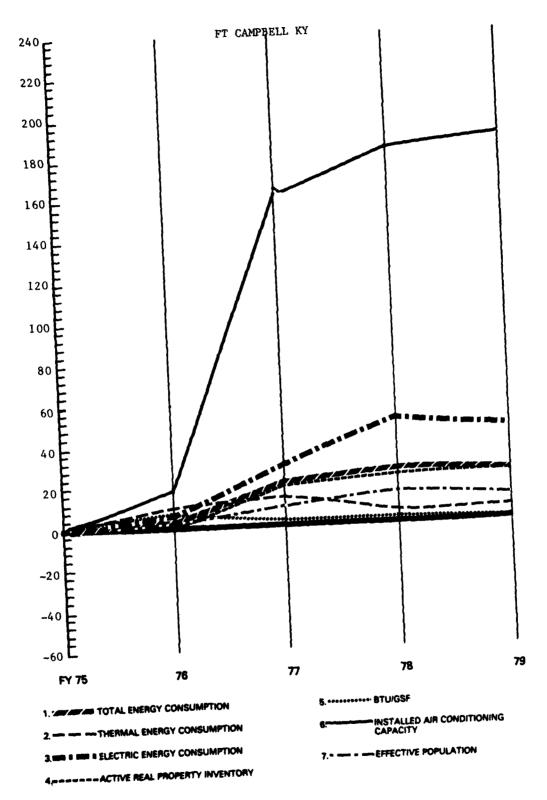
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METUCAP METUCAP METUCAP METUCAP TONS METUCAP		212 (-21, 158, 9 (-34, 158, 9 (-34, 158, 9 (-34, 158, 9 (-34, 158, 9 (-34, 158, 9 (-32, 158, 158, 158, 158, 158, 158, 158, 158	199 (27, 145, 26, 40, 25, 0, 22, 176, 0, 22, 176, 0, 41, 3, 44, 3, 44, 3, 46, 43, 46, 43, 46, 43, 46, 43, 46, 43, 46, 43, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 44, 46, 46	895 1 136,1 -4 238,4 -2 275,0 2 275,0 4 63,6 -2 955 -	4,926 139.9 248.7 284.9 16,210 52.9 4,493	20.5 42.6 27.2 73.9 35.6
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Methicape TONS TONS Methicape KSFCAP TONS KSFCAP TONSSF BTUGSF BTUGSF RSF KSF KSF KSF KSF KSF KSF KSF KSF KSF K	1 1 1 1 1 1 1	340.7 (5. 5. 210. (41. 55.5 (-32. 138. 13.2 13.2 13.2 13.2 13.2 13.2 13.2 13.	250.0 (-22. 176.0 (-21. 210 (41. 44.3 (-46. 952 (-2.	238.4 1-2 275.0 1 2 210 1 4 63.6 1-2 955 1-	248,7 284,9 16,210 52,9 4,493	23.1 27.2 73.9 35.6
MBTUCAP TONS MBTUTON KSF KSFCAP BTUGSF BTUGSF KSF KSF KSF KSF KSF	1 1 1 1	533.2 (138. 210 (41. 55.5 (-32. 836 (-4.	210 (41, 210 (41, 44,3 (-46, 952 (-2,	275.0 (2 210 (4 63.6 (-2	284.9 16.210 52.9 4.493	27.2 1 73.9 1 35.6 1 11.4 1
TONS MISTUTION KSF KSFCAP BTUGSF BTUGSF BTUGSF RSF KSF KSF KSF	1 1 1	210 (41. 55.5 (-32. 836 (- 4.	210 (41, 44,3 (-46, 952 (-2,	210 (4 63.6 (-2 955 (-	16,210 52,9 4,493	73.9 t 35.6 t 11.4 t
MATUTON KESTON KESTON BTUGGS BTUGGS BTUGGS KGS KGS KGS KGS KGS	1 1 _ 1 1	5 (-32.	44.3 1.46. 952 1.2. 95 1.23.	63.6 (-2	52.9	35.61
KSFCAP BTUGGSF BTUGGSF RSFCAP BTUGGSF RSF RSF RSF RSF RSF RSF	1_11	1 - 4	952 (- 2.	-1 556	7,493	11,41
ESPCOV BTUGSF BTUGSF BTUGSF RSF KSF KSF KSF	J 1	51 1 21	.95 (-23.			
BTUGSF BTUGSF RSF KSF KSF KSF KSF	•			1,01 (-18.4)	-) 16.	(-26.5)
BTUGSF BTUGSF KSF KSF KSF	209.0	226.277 (-13.2)	262.467 (0,7)	235,516 1 - 9,61	272,714	19.7
BTUIGSF RSF RSF RSF RSF	09.453	671 (-31,	144,357 (31,9)	65,945 (- 39,8	81,814	(-25.31
Nodertion KSF		-	1-2	169,571 (12,21		26.3 1
KSF KSF KSF KSF KSF				****	X	
Teaching KSF	32	32	32	32	32	
, Development & Testing KSF 1	323	327	326	323	311	
	1.462	1.438	1.438	1.434	1,014	
Storage	468	468		- 67	53	
$\overline{}$	Not Available Separately-included Above	BASE	417	432	407	
Hospital & Medical	61	19	61	19		
Administration	454	777	451	675	471	
Bechelor Housing	360	347	392	392	387	
Community Facilities	257	282	282	276	272	
Family Housing	1.173	1.175	1.287	1.287	1.288	
Operational Buildings	659	164	163	167	163	
Unitry Buildings	2.1	36	35	35	34	
Other Not Available	the BASE	.99	,		•	

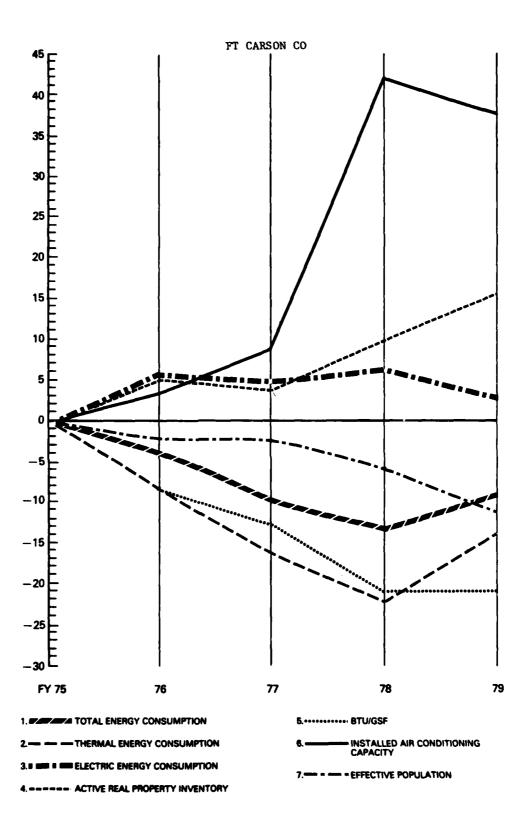
FMARKS

U.S. Army - AMALYSIS OF ENERGY C	GY CONSUM	CONSUMPTION - INSTALLATION YIEMA PROVING GROUND.	A PROVING GROUND, AZ	MACOM DARCOM	CLIMATIC REGION 6 HDD	2 968 CDD 4,261
		1111	1111	1-1-1-1-1	1 1 1 1 - 1 -	
	UNITS/FY	£	æ	r	æ	#
1 Energy Consumption & PD	MBTU	309,095	309,978 1 0,31	310.731 (0.5)	308.996 1 0 1	344.017
2 Thermal for Come & PO	MBTU	24,728	21.699 1-12.21	21.752 (-12.0)	18.540 (-25.01	24,082 (- 2.6)
3 Electrical En Cone & PO	448TC	284, 367	288.279 (1.41)	288,979 (1.6)	290,456 1 2,11	319,935 (+12)
4. Resident Population & PD	PEOPLE	1.675	1.680 (0.31	1,085 (-35,7)	1,089 (-35,01	1.219 1-27.2 1
5 Non-Resident Population & PD	PEOPLE	285	290 (1.7)		925 1224.61	916 (221.4.)
8 Population Syrvad** & PD	PEOPLE	1.960	1.970 ' 0.51	2,064 (5,3)	-	2.135
7. Effective Population*** & PO	PEOPLE	1.770	1,777 (0,4)	1,411 (-20,3)	1,397 (-21,1)	1,524 (-1
£	MBTUICAP	157.7	157.3 (- 0.2)	150.5 (- 4.5)	153,4 (- 2.7)	160.8 1 2.0 1
	MBTU/CAP	174.6	174.4 1-0.11	220.2 (26.1)	221.2 (26.71	225.7 1 29.3 1
Population	MBTUICAP	169.8	171.6 (1,1)	266.3 (56.91	266.7 (57.11	262.5 (54.61)
	YONS	3.000	3.059 1 2.01	4,083 (36.1)	4,093 1 36,41	5,876 (95,91
12. Elec Energe/Ton of Air Cond & PO	MBTU/TON	94.8	94.2 1 - 0.61	70.8 1-25.31	71.0 1-25.11	54.4 (-42.61
Mero To Fo	KSF	1,311	1,360 1 3,71	1,404 1 7.11	1,409 (7.51	1
	KSFICAP	14	177 (3,31)	1.00 (34.3)	1.01 (36.2)	. 92 (24.7)
	BTUGSF	235,770	227 925 1 - 3.31	221,318 1- 6.11	219,302 (- 7.0)	244,330 (3.6)
	BTUIGSF	18,862	15,955 (-15,4)	15,493 (-17,9)	13,158 (-30,2)	17,104 (- 9,3)
eumption/GSF to PD	BTUNGSF	216,908	211.970 (- 2.3)	205,825 (- 5,1)	206,144 (- 5,0)	227,226 (4.8)
Magney.	KSF					
	KSF		-	ı		_
Mainternance & Production	KSF	166	137	136	136	140
Research, Development & Testing	KSF	272	274	280	281	281
	KSF	118	135	09	09	09
•	KSF	Not Available Separately-Included Above	BASE 1	110	108	105
	KSF	13	13	13	14	14
	KSF	76	104	109	113	113
	KSF	173	176	176	170	170
	KSF	109	130	132	132	132
Farmery Houseing	KSK	360	358	360	360	360
Operational Buildings	KSF	21	21	20	25	23
Unixry Buildings	KSF	3	7	7	10	10
Other Other	KSF	Not Available BASE		1		

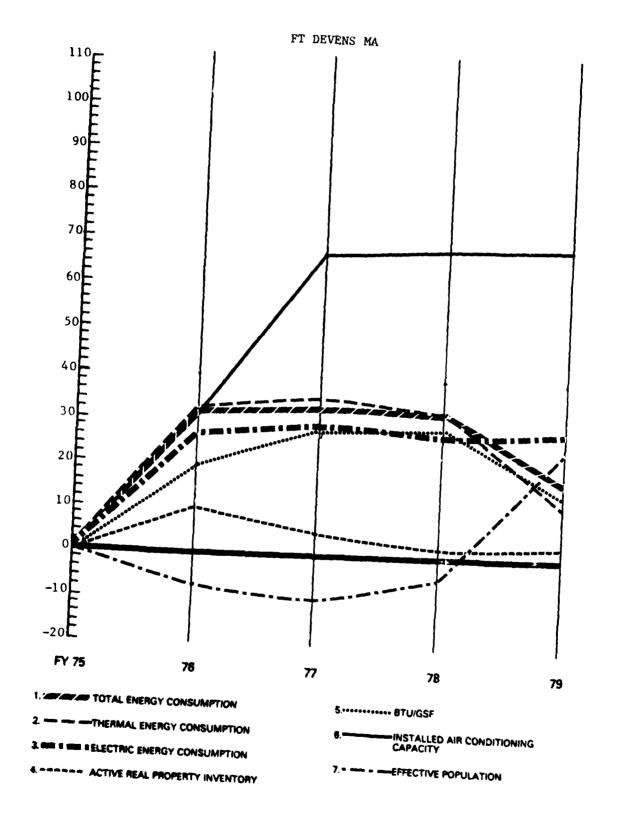
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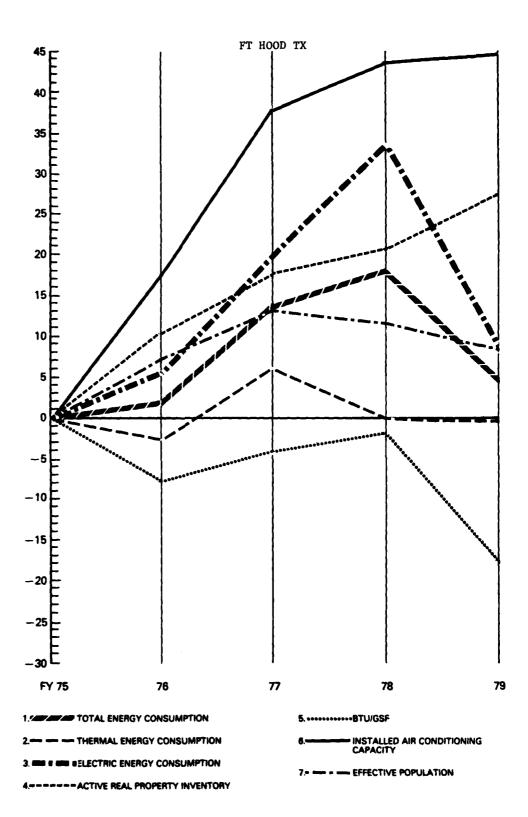




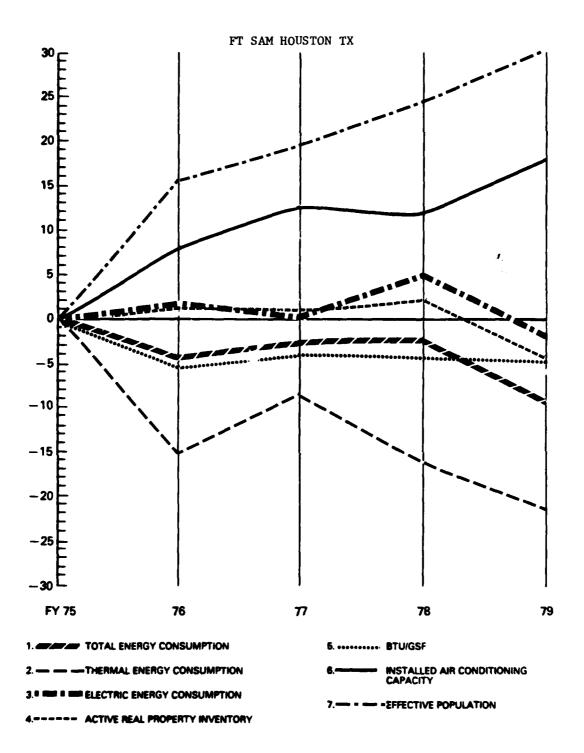


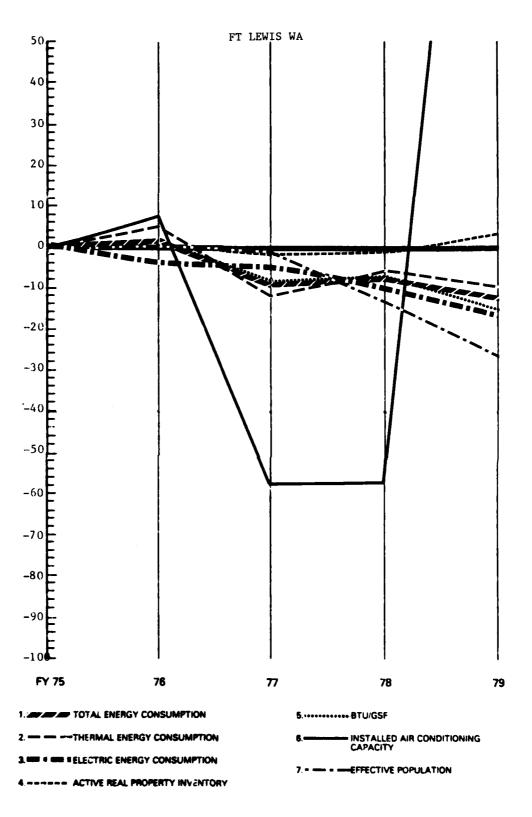
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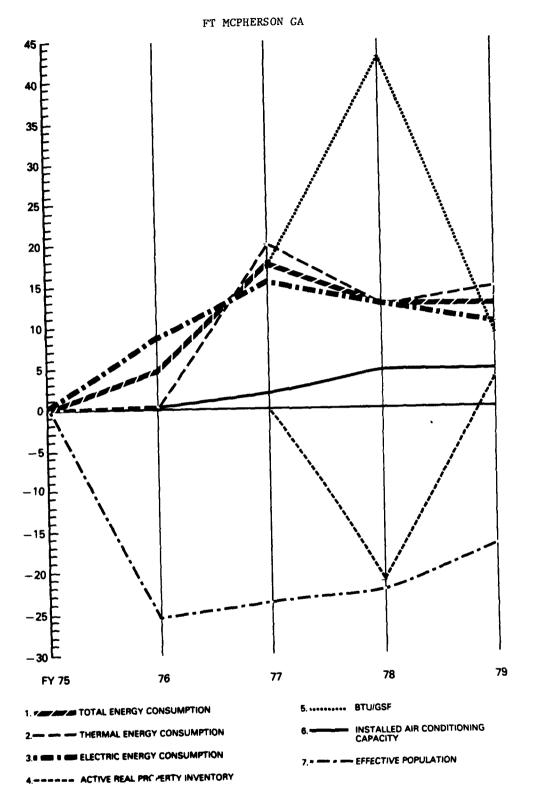


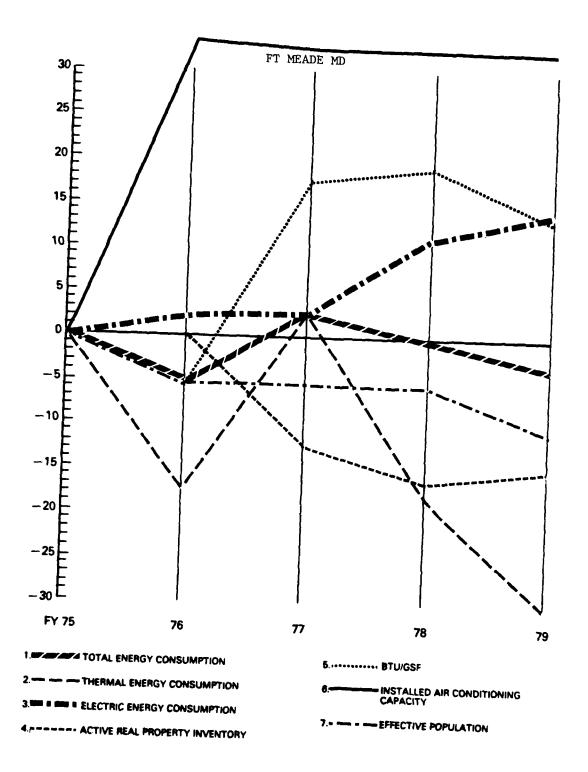


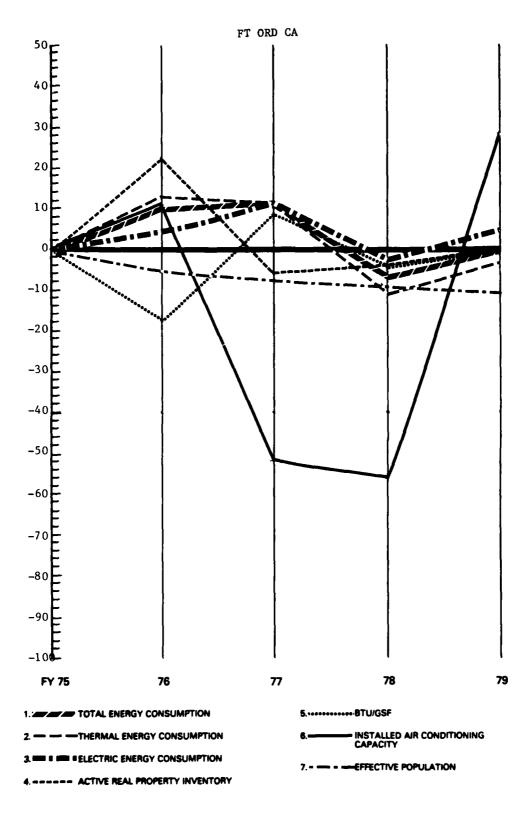
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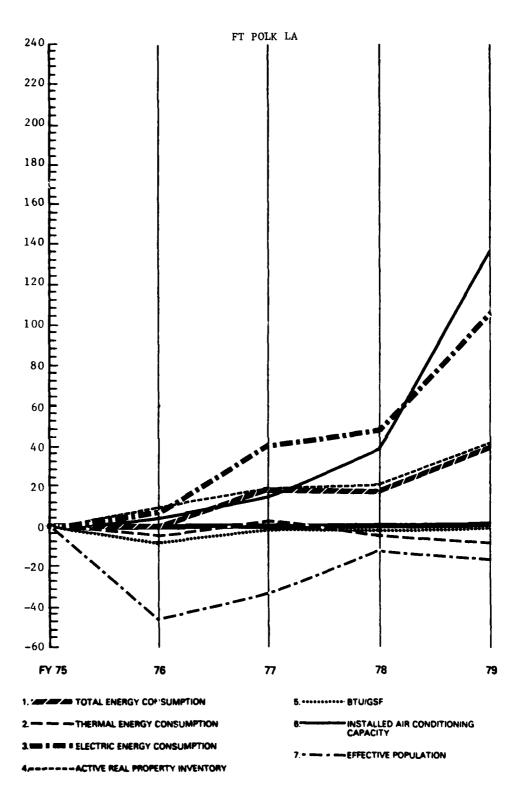


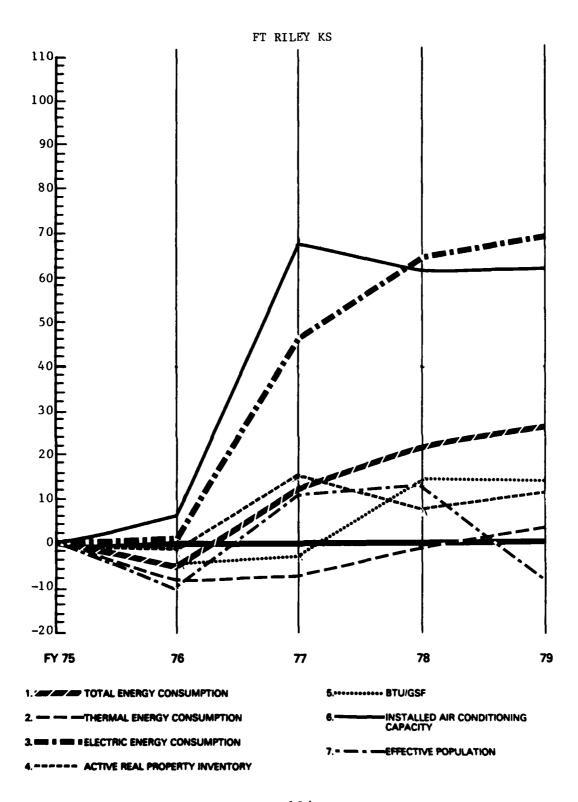




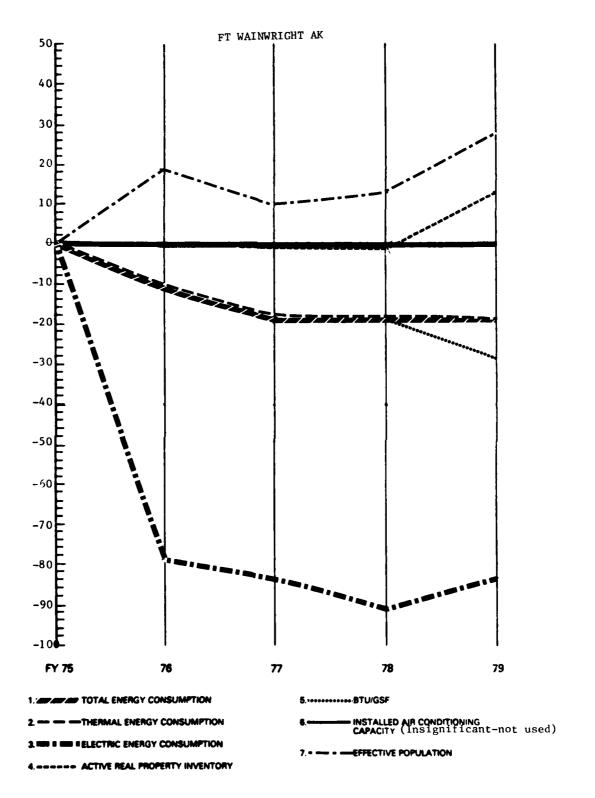


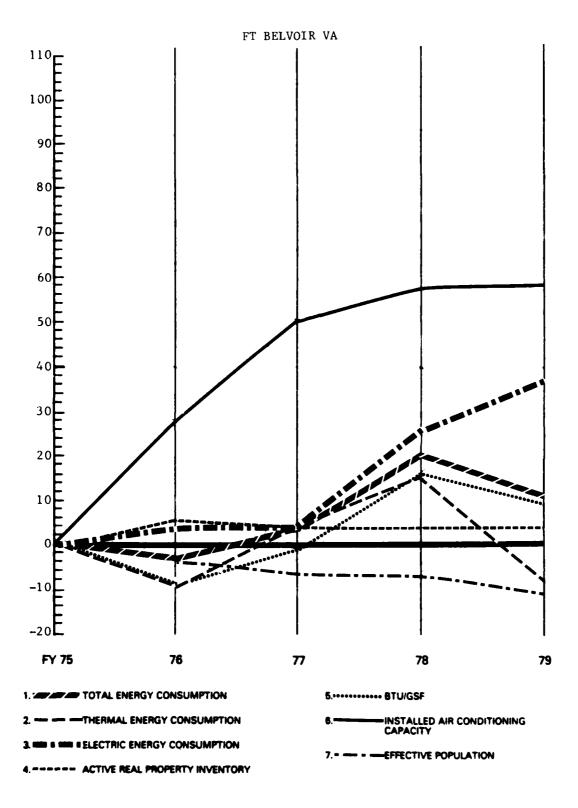




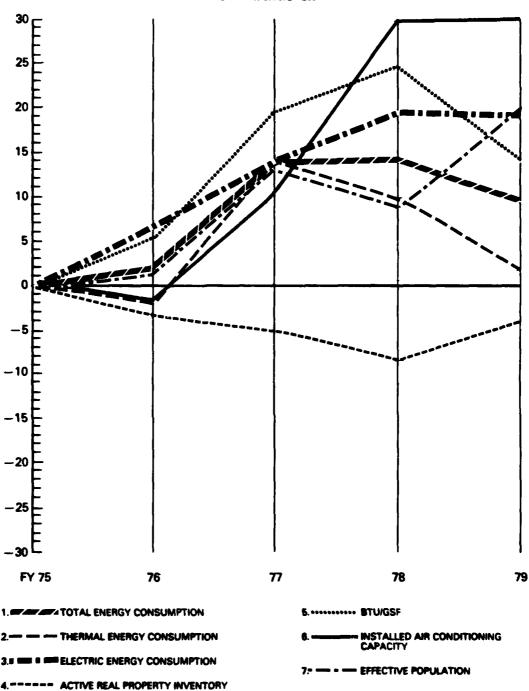


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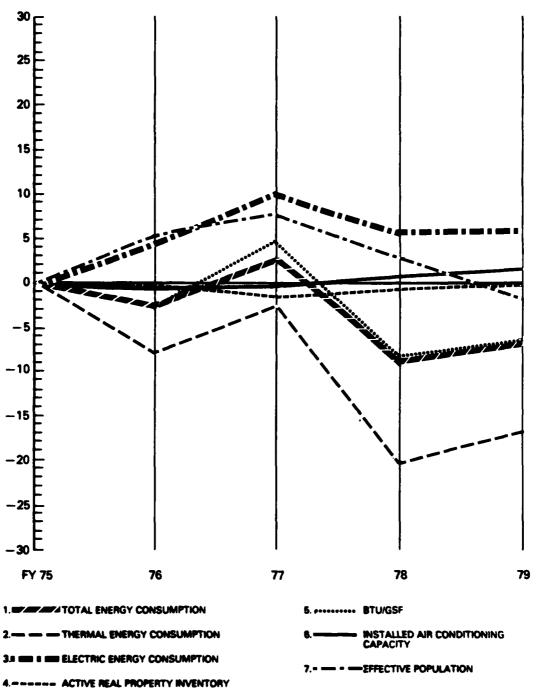


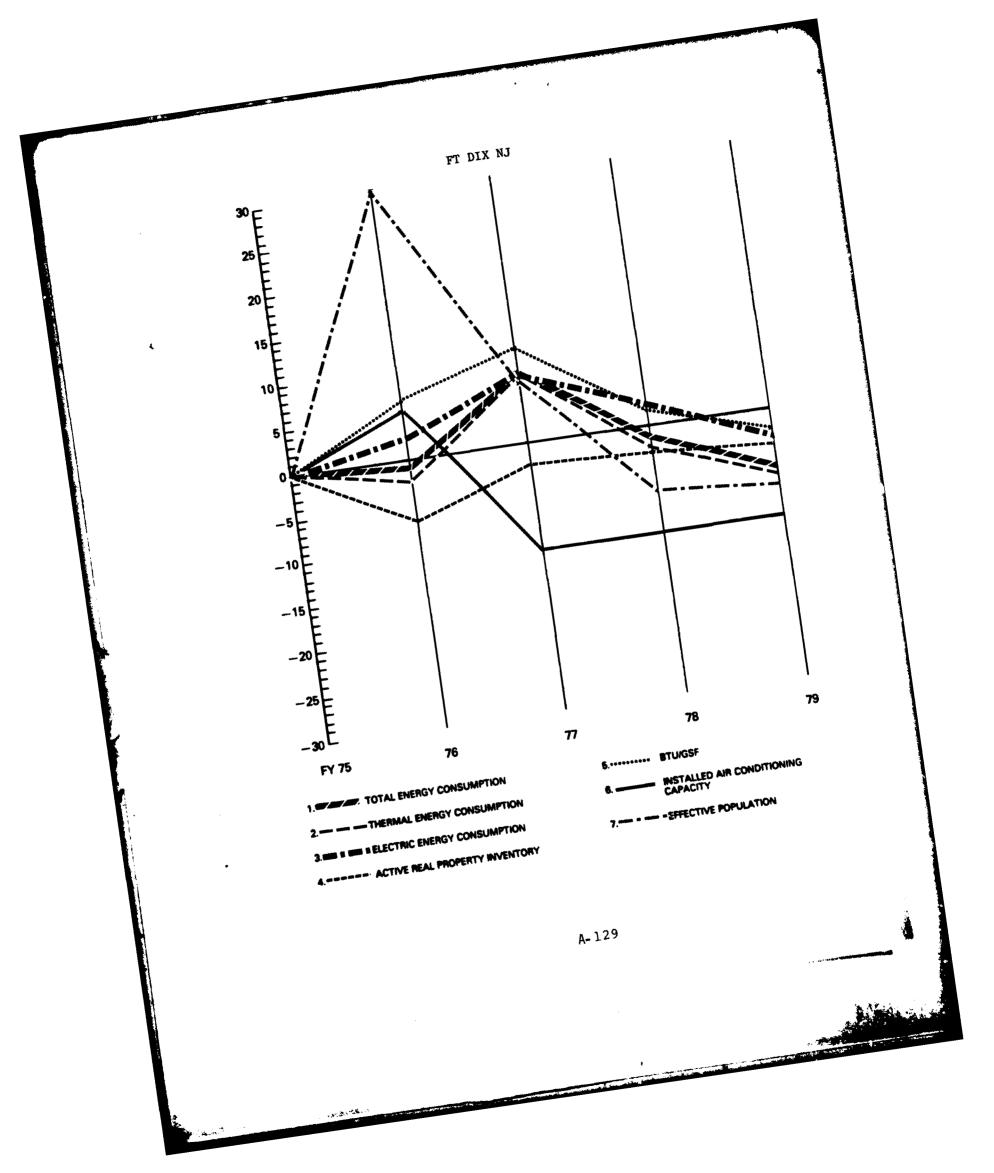


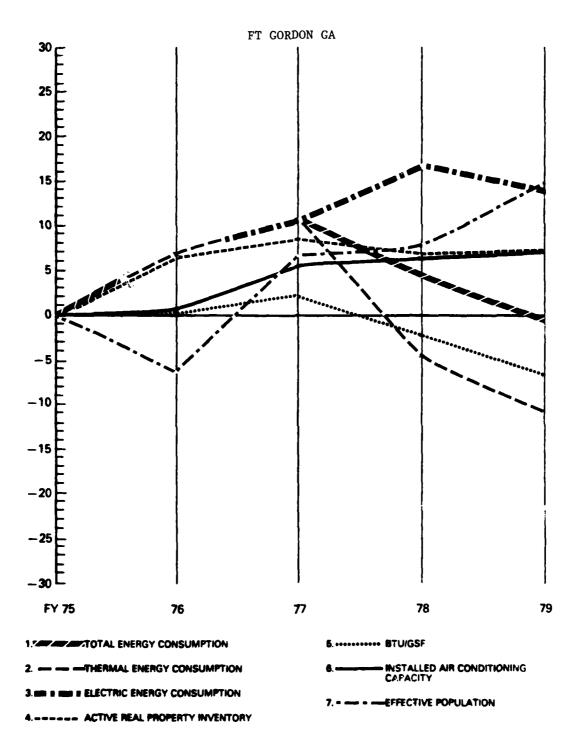


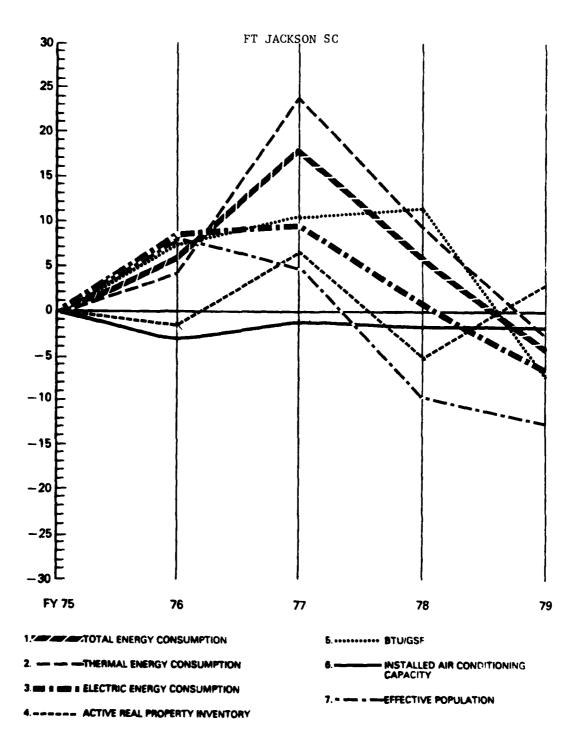
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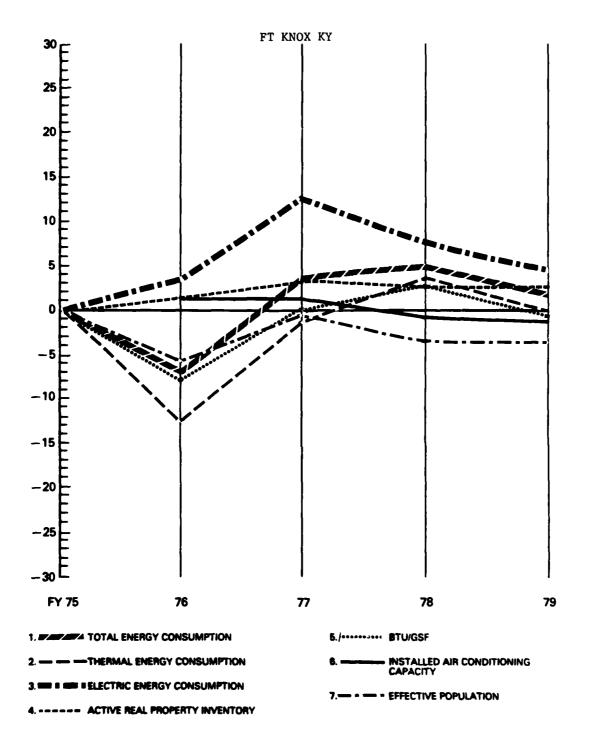


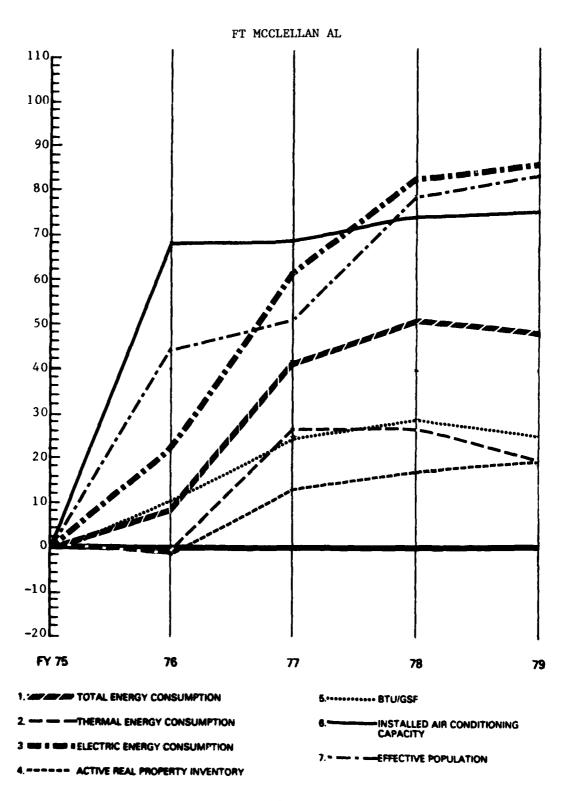


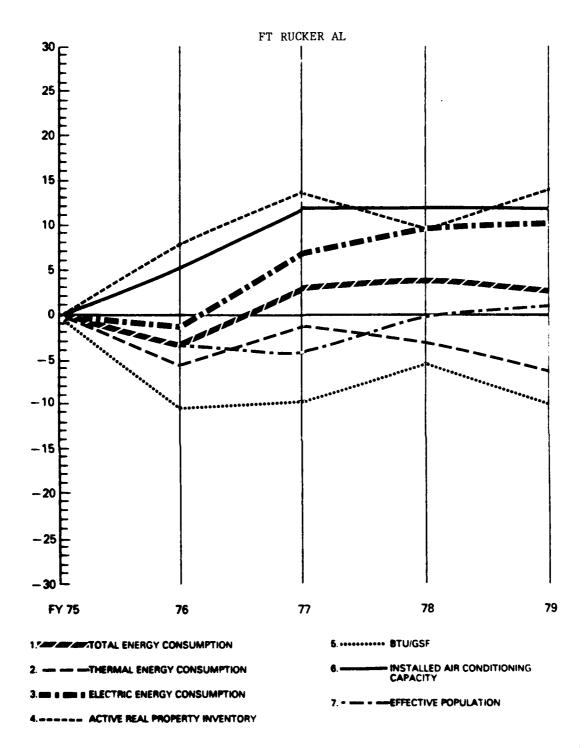


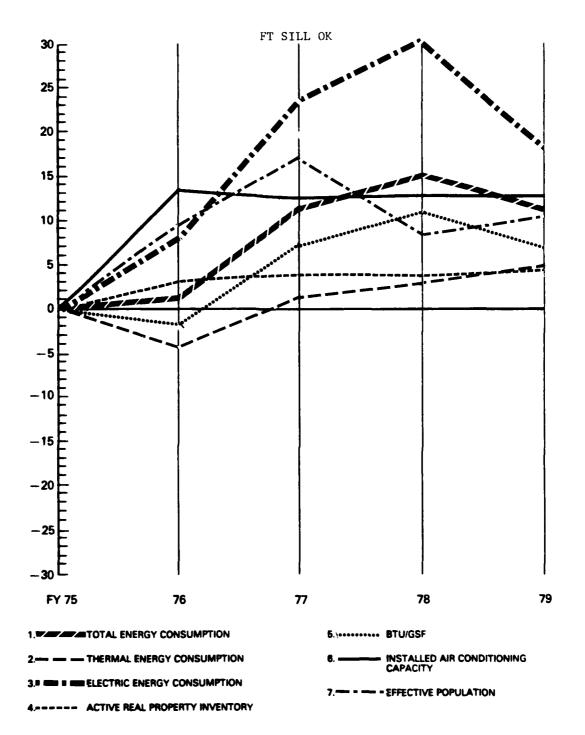


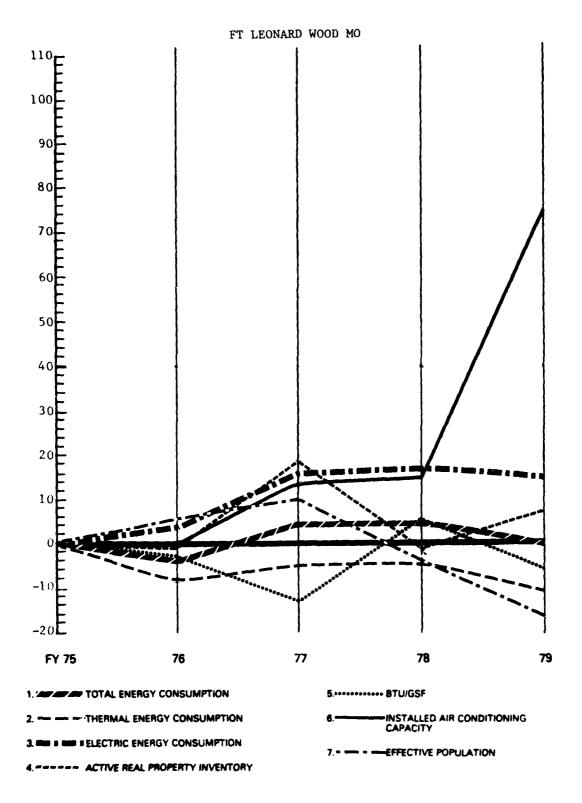
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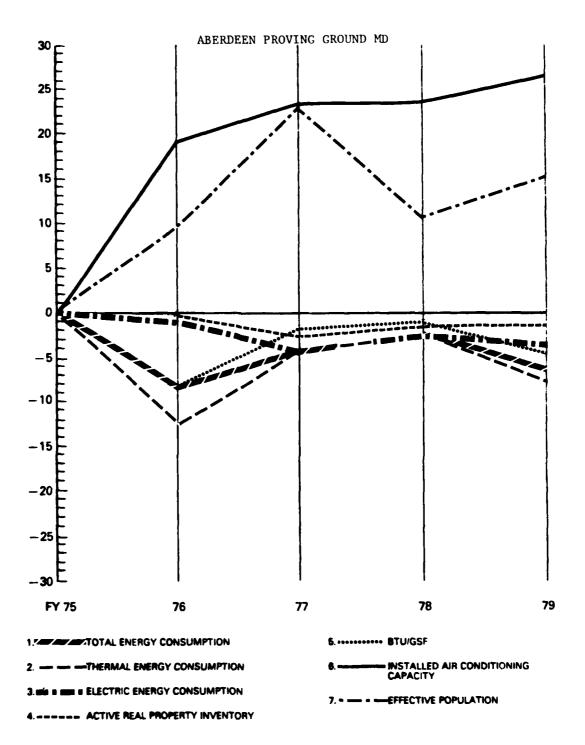


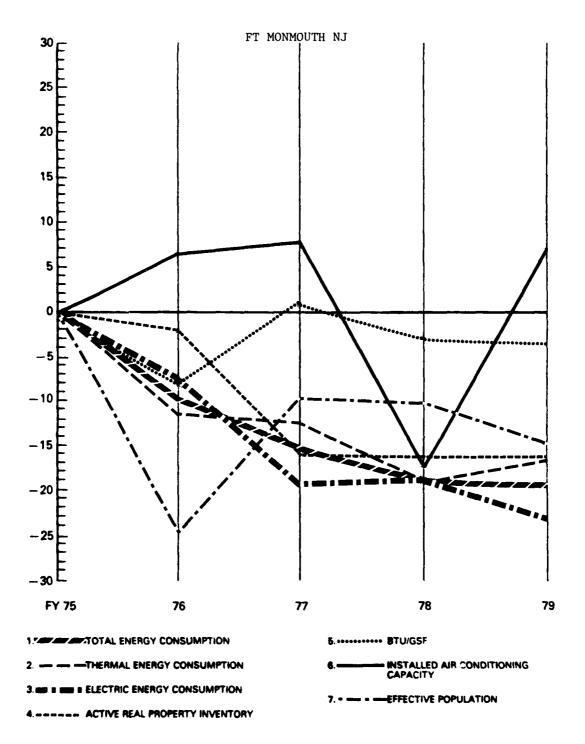


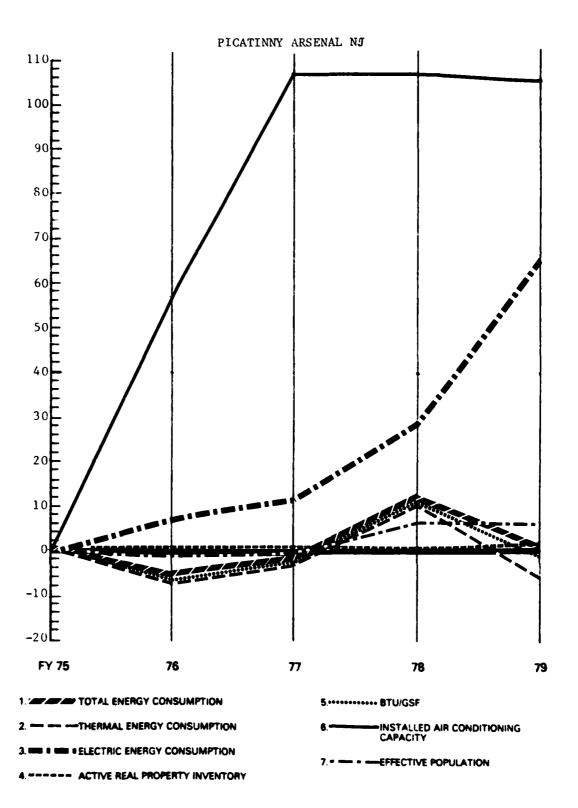


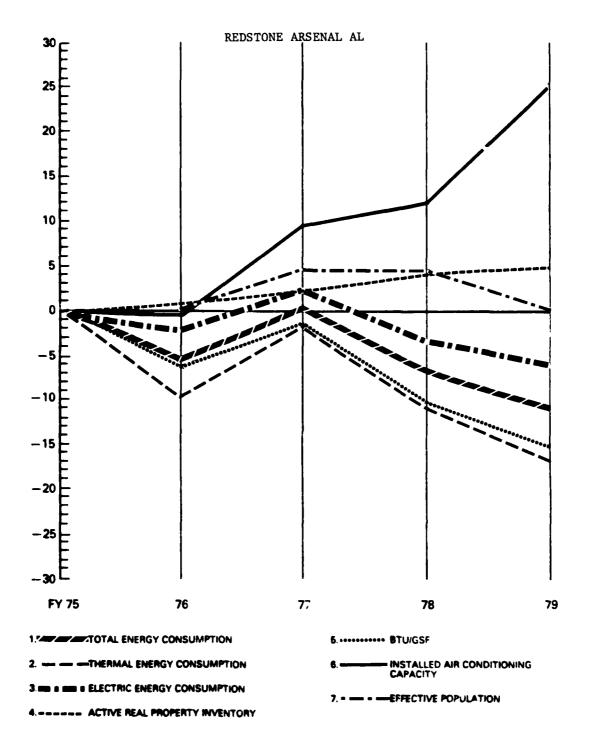


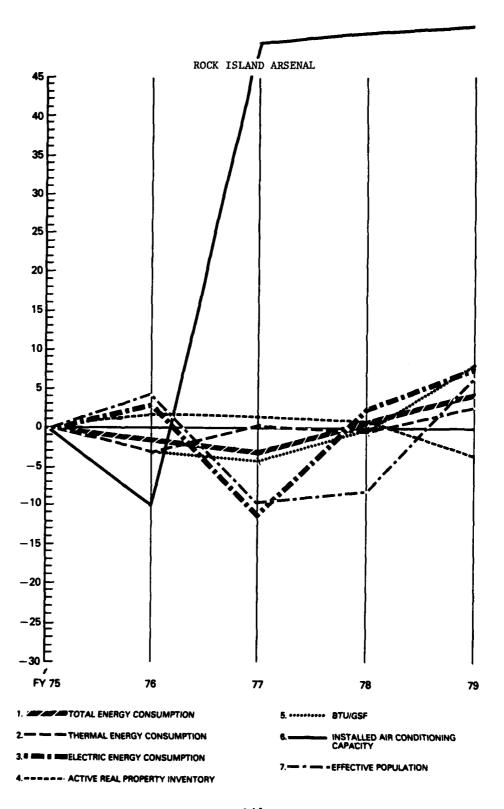












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